

Jøtul F 305 Series UKCA

Jøtul F 305 Series UKCA
Manual Version P01

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Jøtul F 305 R B
Jøtul F 305 B
Jøtul F 305 C B



Jøtul F 305 R LL
Jøtul F 305 LL
Jøtul F 305 C LL



Jøtul F 305 R SL
Jøtul F 305 SL
Jøtul F 305 C SL



The manuals which are enclosed with the product must be kept throughout the product's entire service life. Les manuels fournis avec le produit doivent être conservés pendant toute la durée de vie du produit..



Attention! Use this approval label when the stoves has been installed (only for UK). Cut off the bottom part and replace the label already attached with this one.

It is important that the lot + pin number is viewable.

Note: An approved CO monitor should be installed in the same room as the appliance.

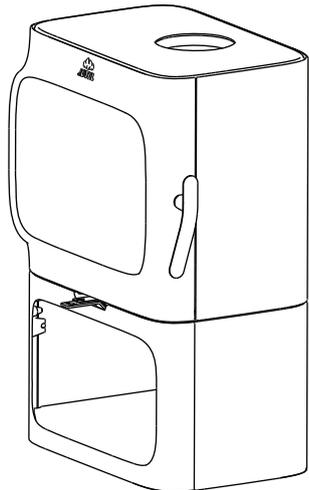
Product: Jøtul F 305 R Series F 305 R B (Cast Iron Base) F 305 R LL (Long Legs) F 305 R SL (Short Legs) * Room heater fired by solid fuel DoP: F305-CPR-271022				
Standard : EN 13240 Minimum distance to adjacent combustible materials: SIDE 400 mm Minimum distance to adjacent combustible materials: REAR 500 mm Minimum distance to adjacent combustible materials: CORNER 300 mm Emission of CO in combustion products : 786 mg/Nm ³ Emission of OGC in combustion products : 64 mg/Nm ³ Emission of NOx in combustion products : 85 mg/Nm ³ Emission of PM in combustion products : 7 mg/Nm ³ Flue gas temperature : 263 °C Nominal heat output : 7 kW Efficiency : 79% Fuel type : Wood Operation type : Intermittent				
The appliance should not be installed in a shared flue * ONLY FOR NON COMBUSTIBLE FLOORS				
Country	Classification	Standard	Approved by	
EUR	Intermittent	EN 13240	Danish Technological Institute	
UK	Intermittent	BS EN 13240	KIWA	
Follow user's instructions. Use only recommended fuels.				

10063343-P00

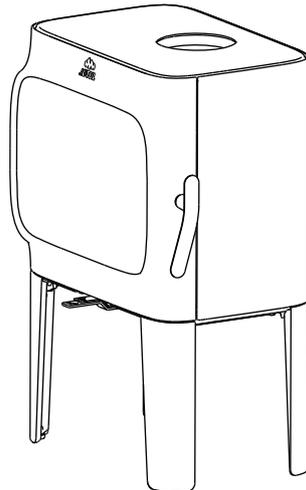
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Cut off this part and replace the label already attached with this one

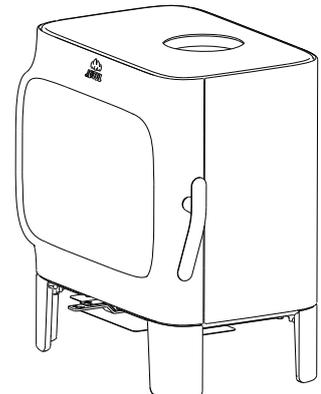
Jøtul F 305 R



Jøtul F 305 R B

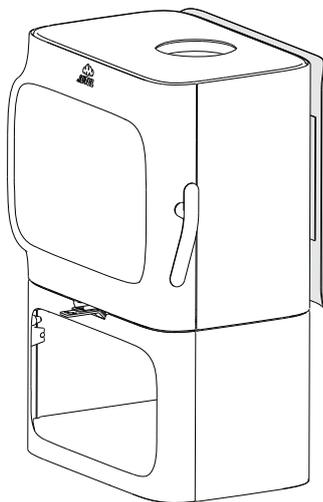


Jøtul F 305 R LL

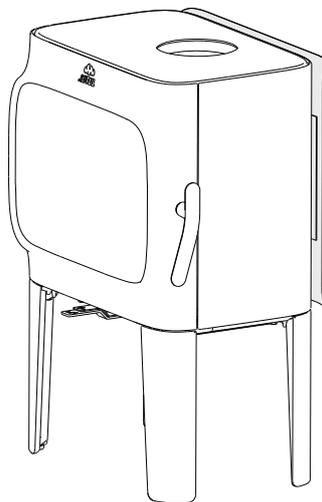


Jøtul F 305 R SL

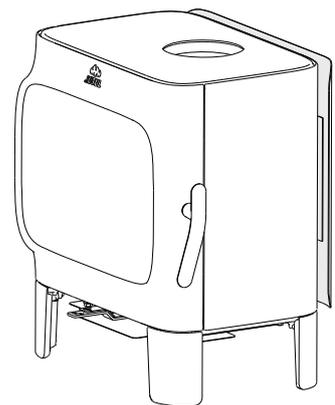
Jøtul F 305 - incl. steel convection shield



Jøtul F 305 B

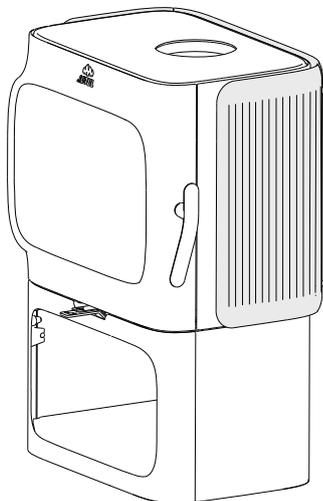


Jøtul F 305 LL

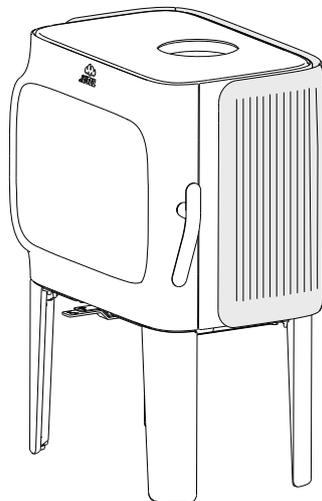


Jøtul F 305 SL

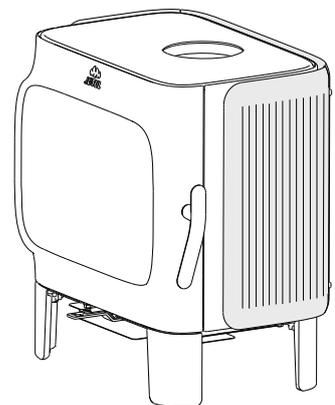
Jøtul F 305 C - incl. cast iron convection set



Jøtul F 305 C B



Jøtul F 305 C LL



Jøtul F 305 C SL

ENGLISH

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Register your fireplace at jotul.com for a 25-year warranty.

Product: Jotul Room heater fired by solid fuel			
CE			
Standard			
Minimum distance to adjacent combustible materials:			
Emission of CO in combustion products:			
Flue gas temperature			
Nominal heat output			
Efficiency			
Operation range			
Fuel type			
Operational type			
The appliance can be used in a shared flue.			
Country	Classification	Certificate/standard	Approved by
Norway	Klasse II		
Sweden	osc	SP	SP-Sveiges Provnings- och Forskningsinstitut AB
EUR	Intermittent	EN	SP-Sveiges National Testing and Research Institute
Follow user's instructions. Use only recommended fuels.			
Montage- und Bedienungsanleitung beachten.			
Verwenden Sie nur empfohlenen Brennstoffen.			
Respecter les consignes d'utilisation. Utilisez uniquement les combustibles recommandés.			
Lot no.: Yxxxx Year: 200x			
Manufacturer:	221546		
Jotul AS			
POB 1441			
N-1602 Fredrikstad			
Norway			

On all our products there is a label indicating the serial number and year. Write this number in the place indicated in the installation instructions.

Always quote this serial number when contacting your retailer or Jotul.

Lot no. Pin.

1.0 Relationship to the authorities

- Installation of a fireplace must be carried out in compliance with national laws and regulations. All local ordinances, including those that refer to national and European standards, must be complied with when products are installed.
- The installation can only be put into use after it has been checked by a qualified inspector.
- Contact your local building authorities before installing a new fireplace.

2.0 Technical data

Material:	Cast iron
Finish:	Black paint / enamel
Smoke outlet:	Top, rear
Flue pipe dimension:	Ø 150 mm
Outside air connection:	Alu. flex - Ø 80 / Ø 100 mm

Product weight:

Burn chamber with long legs:	137 kg
Burn chamber with short legs:	134 kg
Burn chamber with base:	163 kg
Soapstone top:	36 kg
Optional extras	Floorplates, Ash lip, kit for outside air connection, protection grid for sweep ball, short legs, soapstone top

Product dimensions, distances: See **Fig. 1**

Technical data in acc. with BS EN 13240

Nominal heat output:	7 kW
Flue gas volume:	7.1 g/s
Chimney draught, EN 13240:	12 Pa
Recommended negative pressure in smoke outlet:	14-16 Pa
Efficiency:	79% @ 7.5 kW
CO emissions (13% O ₂):	0.06%
CO emissions (13% O ₂):	786 mg / Nm ³
NOx at 13% O ₂ :	85 mg / Nm ³
OGC @ 13 % O ₂ :	64 mg/Nm ³
Particle emission NS 3059:	1.5 g / kg
Air consumption:	6,1 litre/sec or 22 m ³ /h
Chimney temperature, EN 13240:	261 °C
Temperature in smoke outlet:	313 °C
Dust:	<7 mg/Nm ³ @ 13% O ₂

Type of fuel:	Wood
Max. log length:	41 cm
Fuel consumption:	2.25 kg/h
Max. kindling amount:	2.4 kg
Nominal kindling amount:	1.8 kg
Operation:	Intermittent

Intermittent combustion here means normal use of a fireplace, i.e. add more fuel as soon as the fire has burned down to embers.

3.0 Safety

NB! To guarantee optimal performance and safety, Jøtul recommends that its stoves are fitted by a qualified installer (see www.jotul.com for a complete list of dealers).

Any modifications to the product may result in the product and safety features not functioning as intended. The same applies to the installation of accessories or optional extras not supplied by Jøtul. This may also be the case if parts that are essential to the functioning and safety of the fireplace have been disassembled or removed.

In all these cases, the manufacturer is not responsible or liable for the product and the right to make a complaint becomes null and void.

The Clean Air Act

“The Clean Air Act 1993 and Smoke Control Areas”

Under the Clean Air Act local authorities may declare the whole or part of the district of the authority to be a smoke control area. It is an offence to emit smoke from a chimney of a building, from a furnace or from any fixed boiler if located in a designated smoke control area. It is also an offence to acquire an “unauthorised fuel” for use within a smoke control area unless it is used in an “exempt” appliance (“exempted” from the controls which generally apply in the smoke control area). In England appliances are exempted by publication on a list by the Secretary of State in accordance with changes made to sections 20 and 21 of the Clean Air Act 1993 by section 15 of the Deregulation Act 2015. Similarly in Scotland appliances are exempted by publication on a list by Scottish Ministers under section 50 of the Regulatory Reform (Scotland) Act 2014.

In Northern Ireland appliances are exempted by publication on a list by the Department of Agriculture, Environment and Rural Affairs under Section 16 of the Environmental Better regulation Act (Northern Ireland) 2016.

In Wales appliances are exempted by regulations made by Welsh Ministers.

Further information on the requirements of the Clean Air Act can be found here: <https://www.gov.uk/smoke-control-area-rules>

Your local authority is responsible for implementing the Clean Air Act 1993 including designation and supervision of smoke control areas and you can contact them for details of Clean Air Act requirements.

“The Jøtul F 305 Base, Jøtul F305 long Legs and Jøtul F305 Short Legs have been recommended as suitable for use in smoke control areas when burning Wood Logs.”

3.1 Fire Prevention Measures

There is a certain element of danger every time you use your fireplace. The following instructions must therefore be followed:

- The minimum safety distances when installing and using the fireplace are given in **fig. 1**. The specified distance to flammable materials, applies to this stove. The stove must be installed with a CE approved flue. The distance of the flue pipe to combustible materials must also be observed.
- Ensure that furniture and other flammable materials are not too close to the fireplace. Flammable materials should not be placed within 1100 mm of the fireplace.
- Allow the fire to burn out. Never extinguish the flames with water.
- The fireplace becomes hot when lit and may cause burns if touched.
- Only remove ash when the fireplace is cold. Ash can contain hot embers and should therefore be placed in a non-

flammable container.

- Ash should be placed outdoors or be emptied in a place where it will not present a potential fire hazard.

In case of chimney fire:

- Close all hatches and vents.
- Keep the firebox door closed.
- Check the loft and cellar for smoke.
- Call the fire service.
- Before use after a fire an expert must check the fireplace and the chimney in order to ensure that it is fully functional.

3.2 Floor

Foundation

You need to make sure the foundation is suitable for a fireplace. See “**2.0 Technical Data**” for specified weight.

We recommend the removal of any flooring that is not attached to the foundation (“floating floors”) beneath the installation.

Short legs

NB: The short legged versions (Jøtul F 305 R SL, F 305 SL and F 305 C SL) can only be installed on a constructional hearth which must have an extension of minimum 500 mm in front of the stove. For further information please see Approved Document J2010 Section 2.22.

Requirements for protection of wooden flooring beneath the fireplace

The product with base has integrated floor protection and may therefore be placed directly on a wooden floor.

Jøtul F 305 with legs must have a floorplate below and in front according to national laws and regulations.

Important! The space under the burnchamber of Jøtul F 305 with legs cannot be used for storage. **Jøtul recommends that any flooring made of combustible material, such as linoleum, carpets, etc. should be removed from under the floor plate.**

Requirements for protection of inflammable floors in front of the fireplace

The front plate must comply with national laws and regulations. Contact your local building authorities regarding restrictions and installation requirements.

3.3 Walls

Distance to walls made of combustible material and to combustible wall protected by firewall:

Fig. 1c R and 1d R (Jøtul F 305 R)

Fig. 1c and 1d (Jøtul F 305)

Fig. 1c C and 1d C (Jøtul F 305 C)

The fireplace may be used with an uninsulated flue pipe provided the distances between the fireplace and walls made of combustible materials. Alternative distances with shielded or insulated flue pipe are also displayed in **the same figures mentioned above.**

Note! Ensure that furniture and other flammable materials are not too close to the fireplace. Flammable materials should not be placed within 1100 mm of the fireplace.

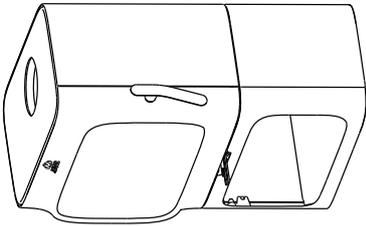
3.4 Ceiling

There must be a minimum distance of **750 mm** to a combustible ceiling above the fireplace.

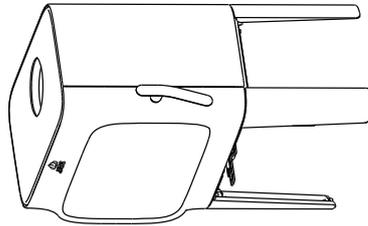
Jøtul F 305 R

Fig. 1a R

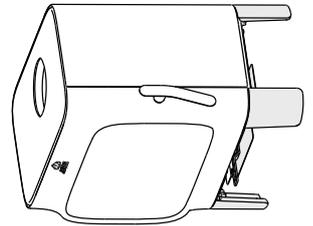
Jøtul F 305 R B (base)



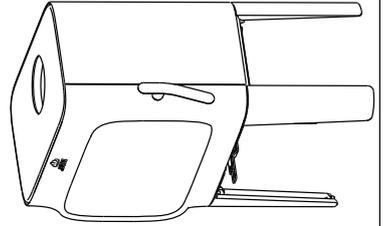
Jøtul F 305 R LL (Long legs)



Jøtul F 305 R SL (short legs)



Jøtul F 305 R LL (long legs)



=

+

Short legs

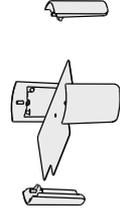
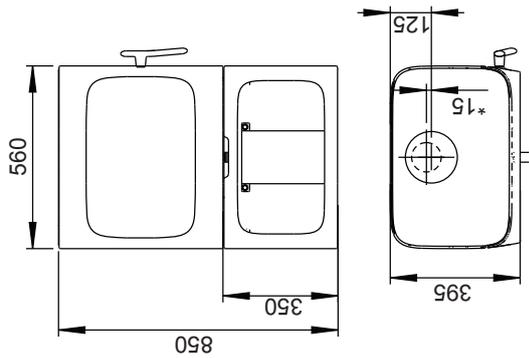


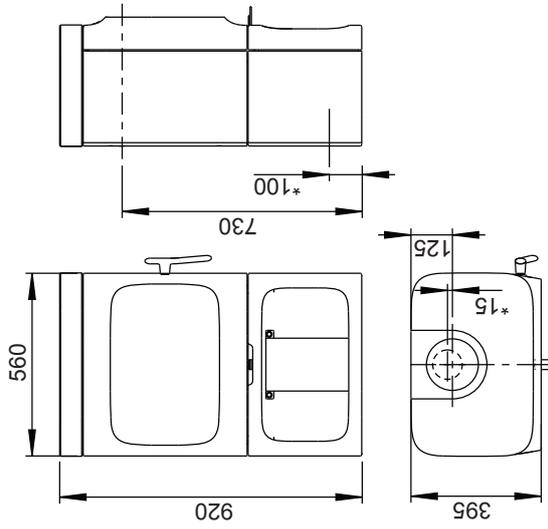
Fig. 1b R

Jøtul F 305 R

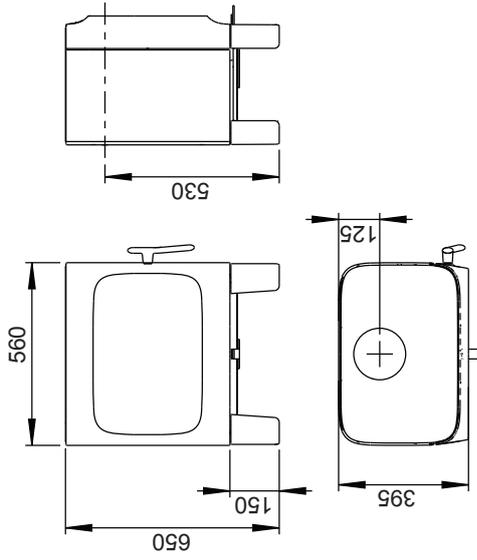
Jøtul F 305 R B (base)



Jøtul F 305 R B (base and soapstone top)



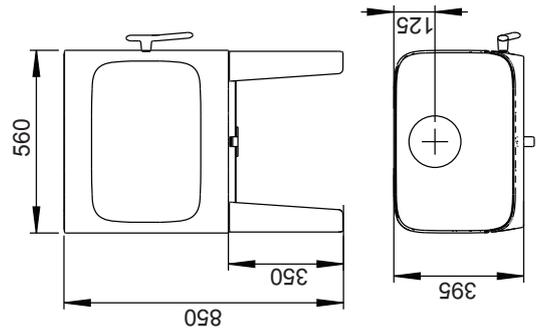
Jøtul F 305 R SL (short legs)



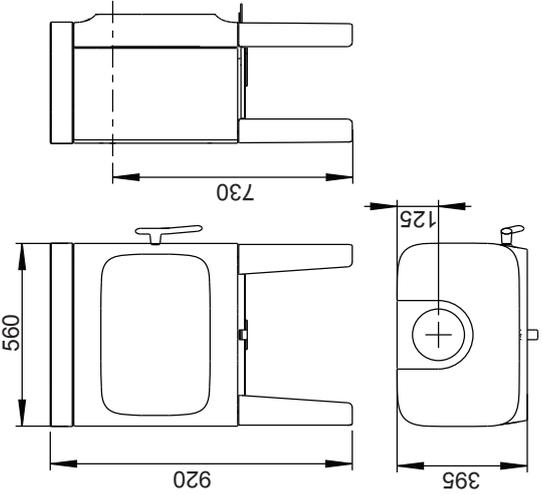
NB: The short legged version (F 305 SL) can only be installed on a constructional hearth which must have an extension of minimum 500 mm in front of the stove. For further information please see Approved Document J2010 Section 2.22.

*Outside air connection

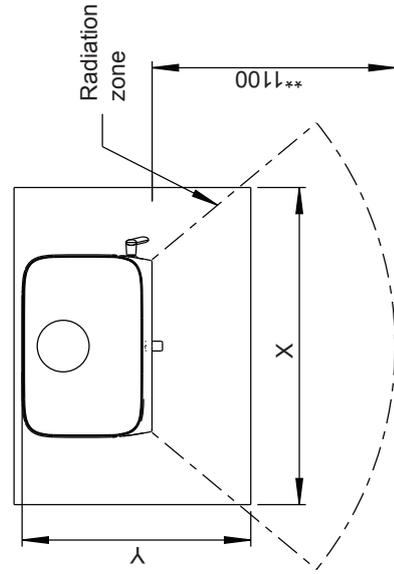
Jøtul F 305 R LL (long legs)



Jøtul F 305 R LL (long legs and soapstone top)



Floor plate



Min. measurements floorplate

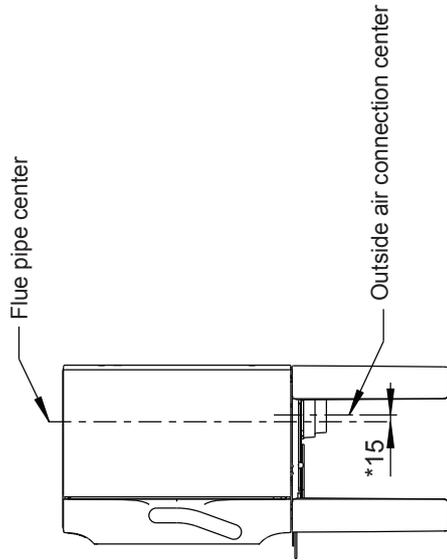
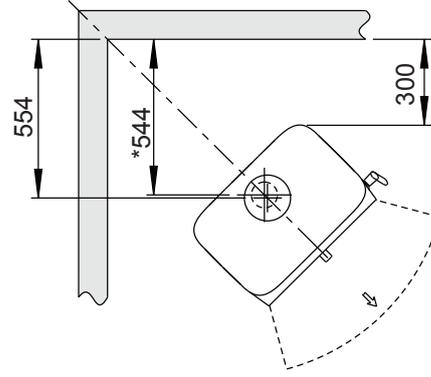
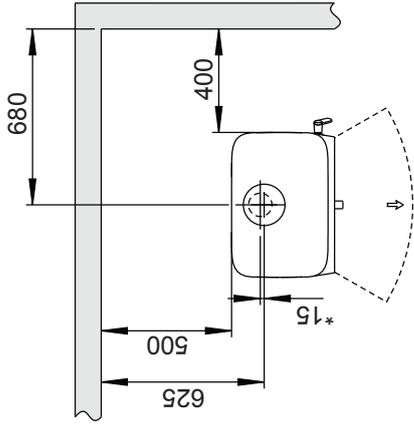
X / Y= According to national laws and regulations
 ** Min. distance to furniture / combustible material

Jøtul F 305 R

Fig. 1c R

Combustible wall

Min. distance to combustible wall

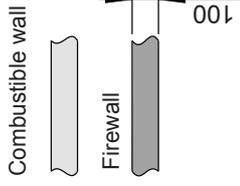


* Outside air connection

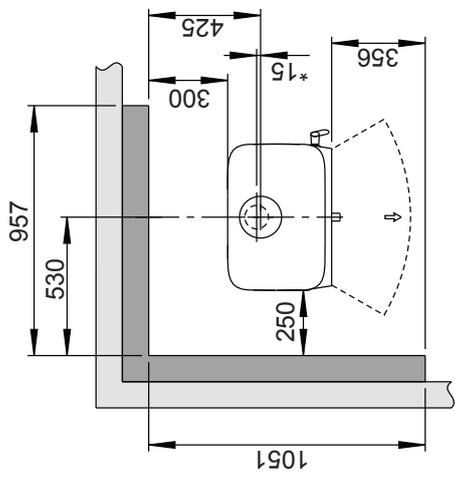
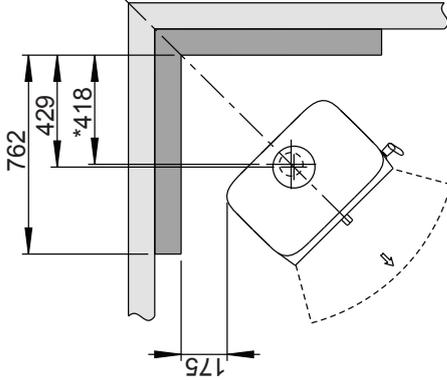
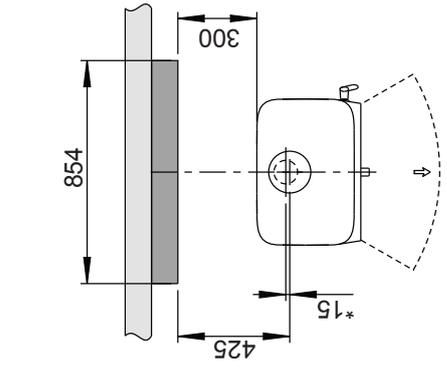
Jøtul F 305 R

Fig. 1d R

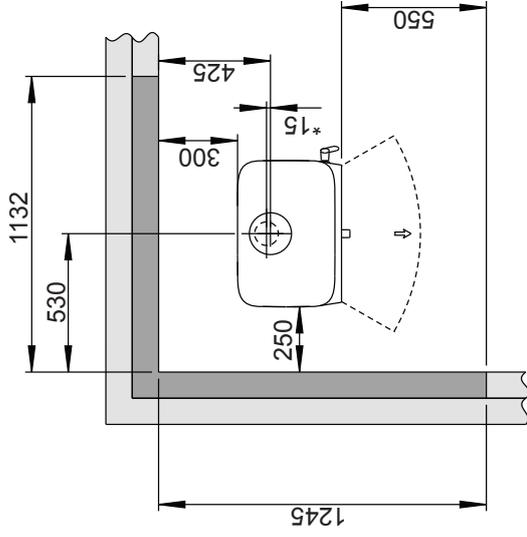
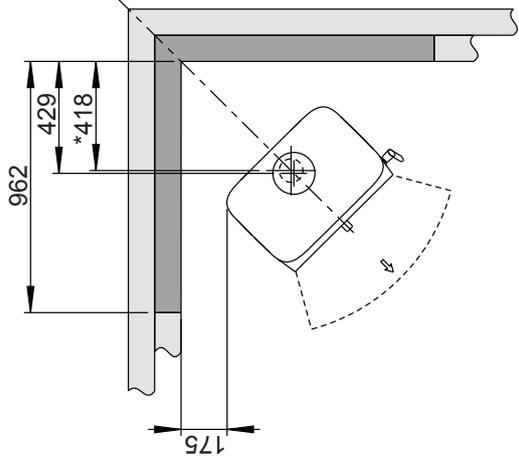
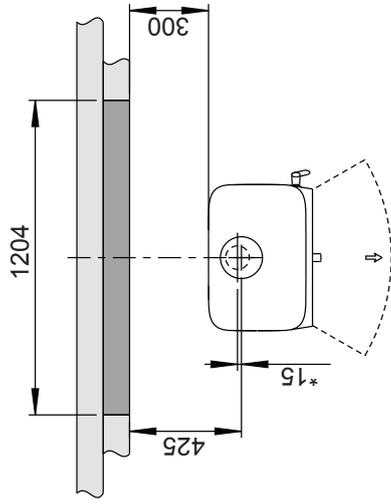
Min. distance to combustible wall protected by fire wall



External



Integrated



*Outside air connection

Jøtul F 305

Fig. 1a

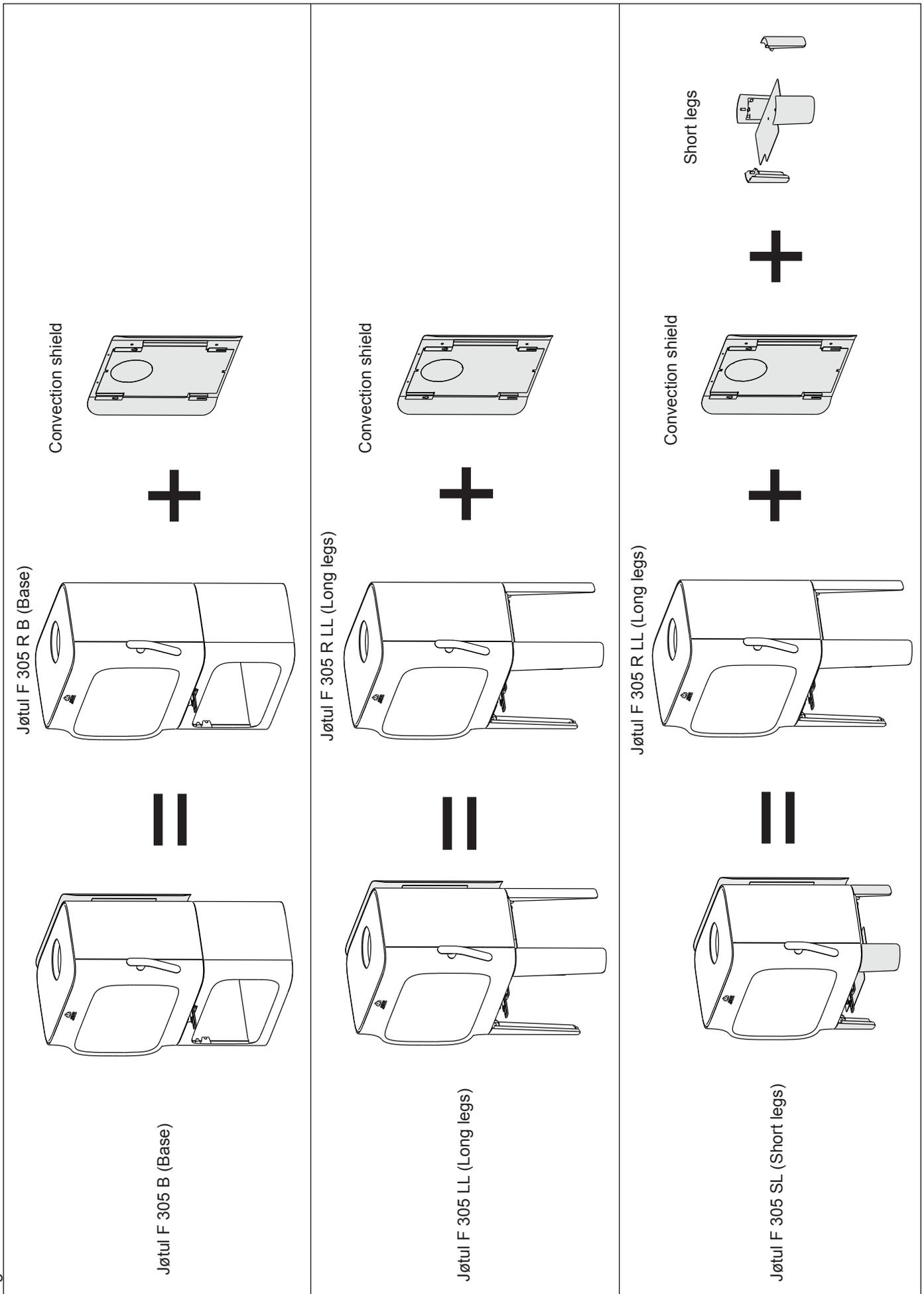
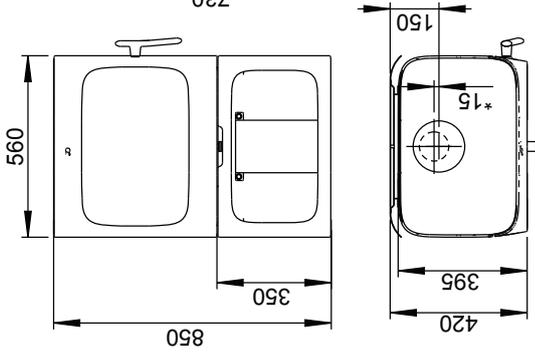


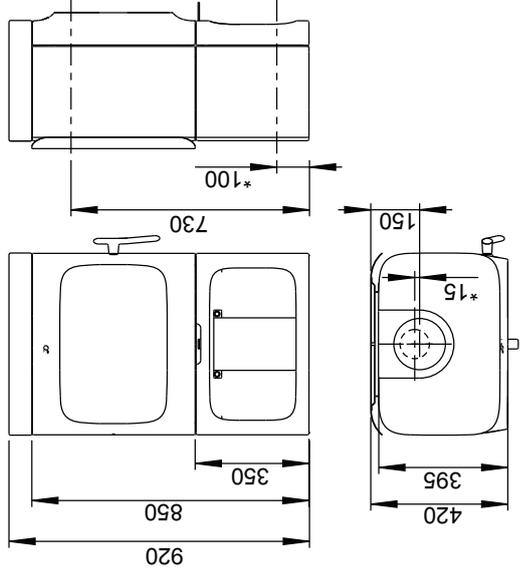
Fig. 1b

Jøtul F 305

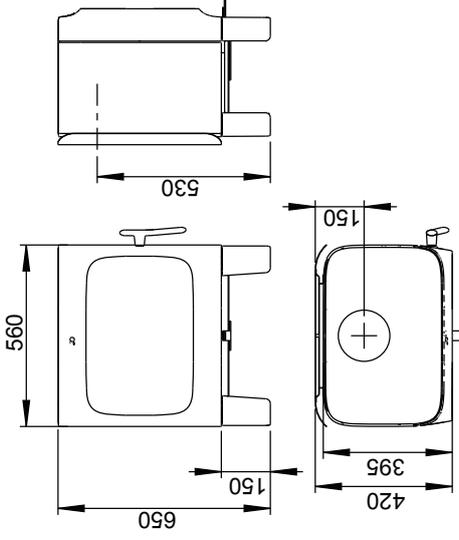
Jøtul F 305 B (base)



Jøtul F 305 B (base and soapstone top)



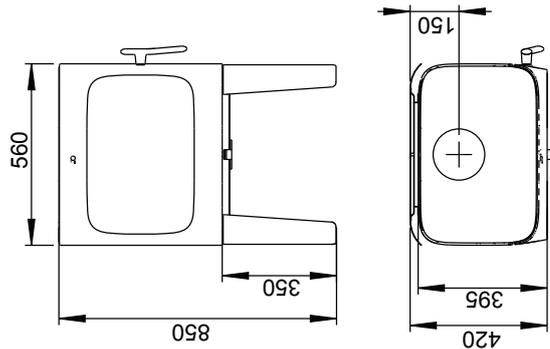
Jøtul F 305 SL (short legs)



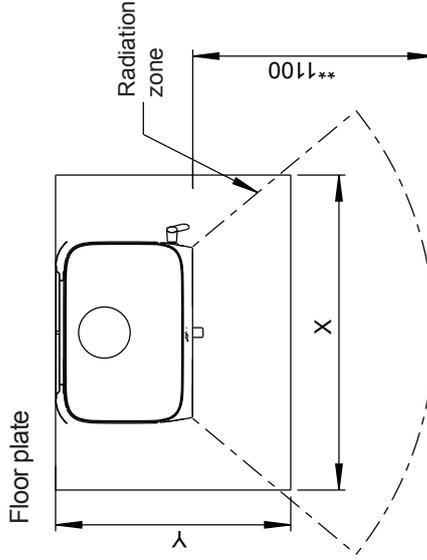
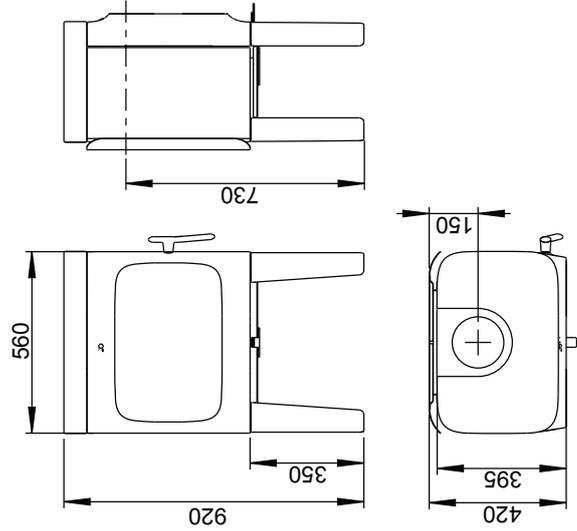
* Outside air connection

NB: The short legged version (Jøtul F 305 SL) can only be installed on a constructional hearth which must have an extension of minimum 500 mm in front of the stove. For further information please see: **Approved Document J2010 Section 2.22.**

Jøtul F 305 LL (Long legs)



Jøtul F 305 LL (Long legs and soapstone top)



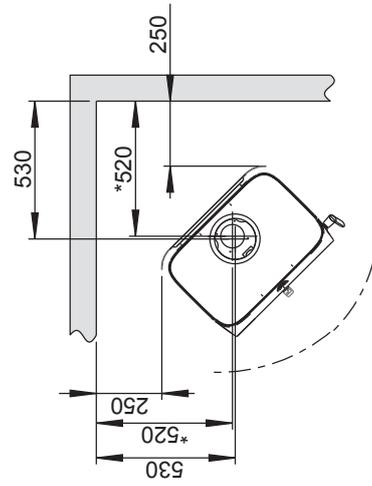
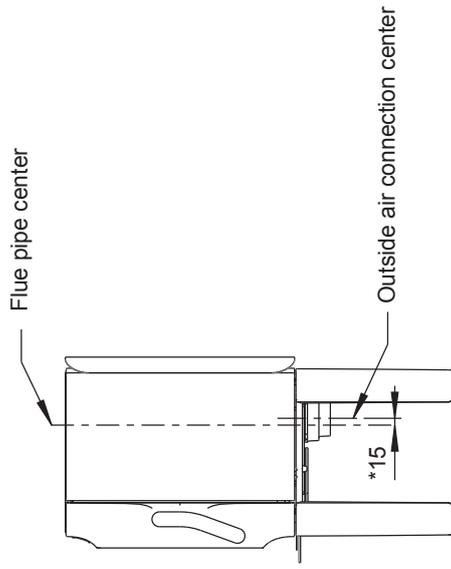
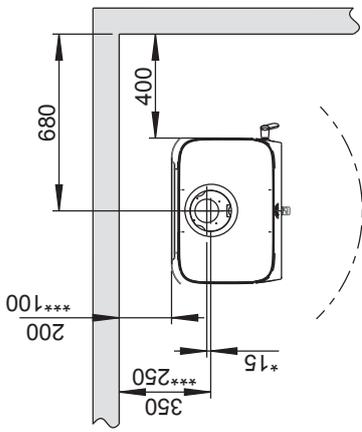
Min. measurements floorplate
 X / Y = According to national laws and regulations
 ** Min. distance to furniture / combustible material

Jøtul F 305

Fig. 1c

Min. distance to combustible wall

With standard convection shield



* Outside air connection

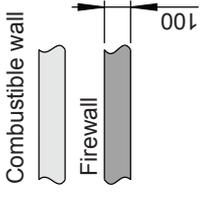
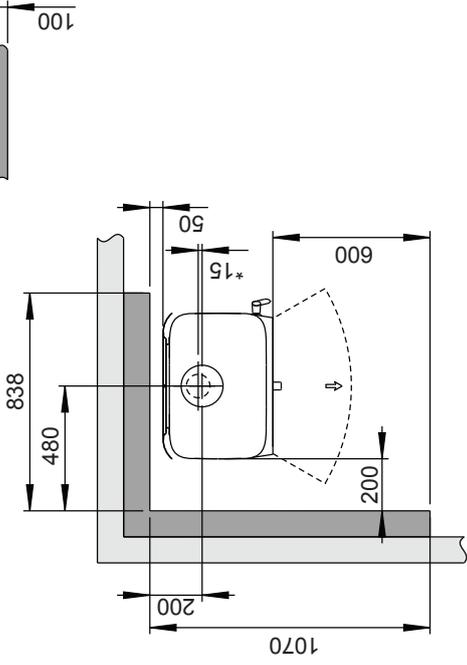
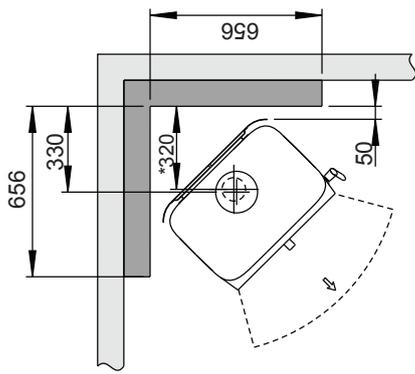
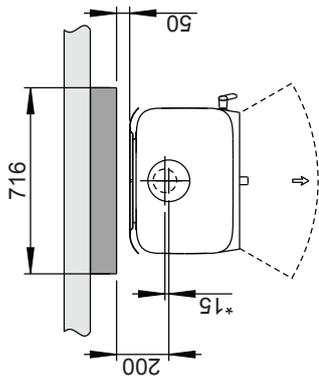
*** Distance to combustible wall with semi-insulated / shielded flue pipe.

Jøtul F 305

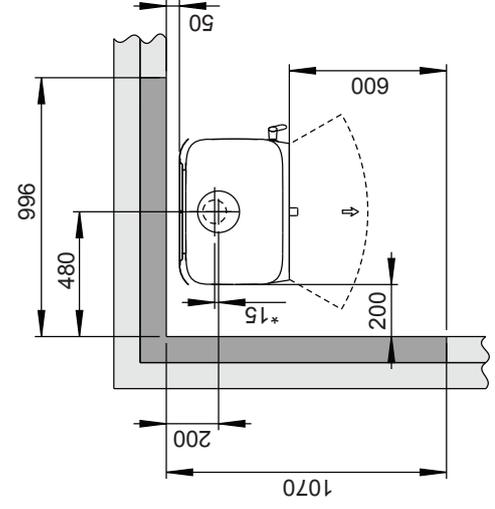
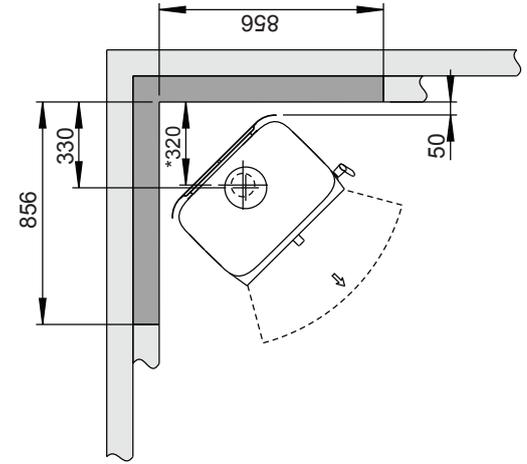
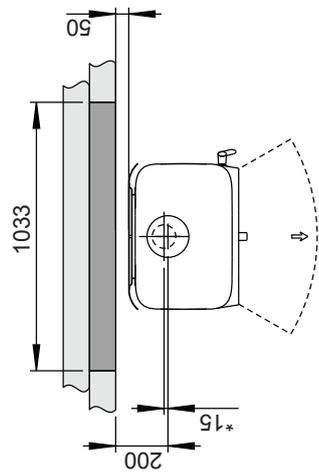
Fig. 1d

Min. distance to combustible wall protected by firewall

External



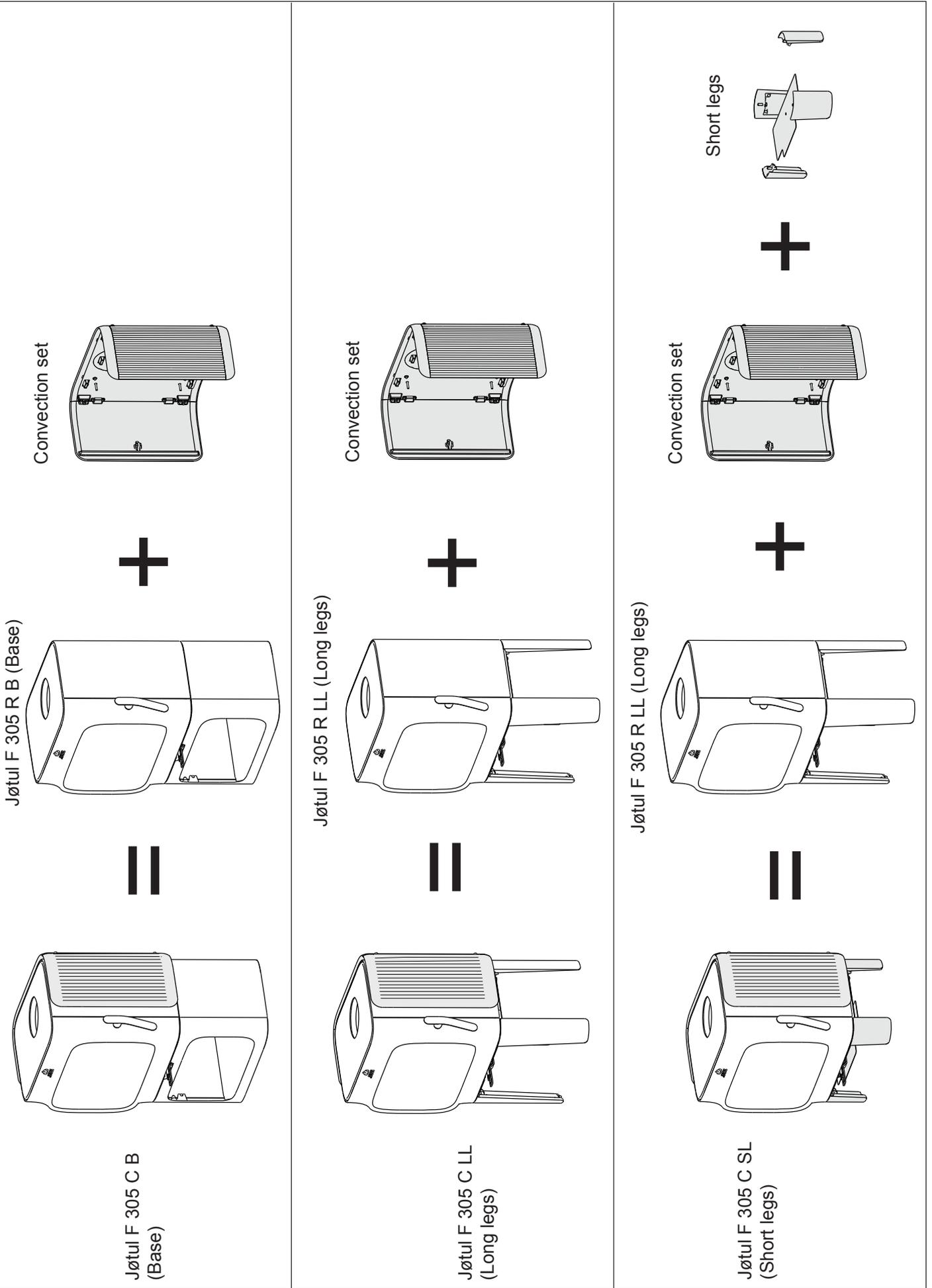
Integrated



* Outside air connection

Fig. 1a C

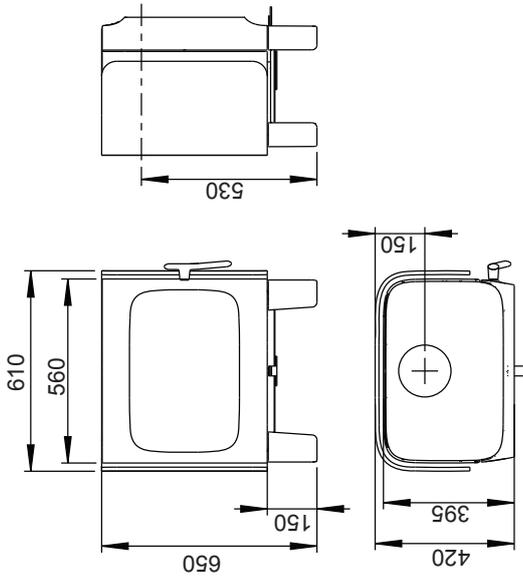
Jøtul F 305 C



Jøtul F 305 C

Fig. 1b C

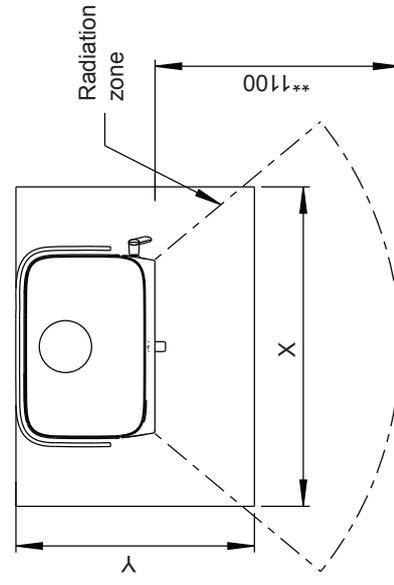
Jøtul F 305 C SL (short legs)



NB: The short legged version (F 305 C SL) can only be installed on a constructional hearth which must have an extension of minimum 500 mm in front of the stove.

For further information please see Approved Document J2010 Section 2.22.

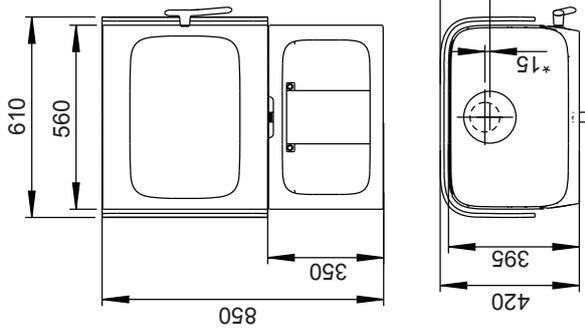
Floorplate



Min. measurements floorplate
 X / Y = According to national laws and regulations
 ** Min. distance to furniture / combustible material

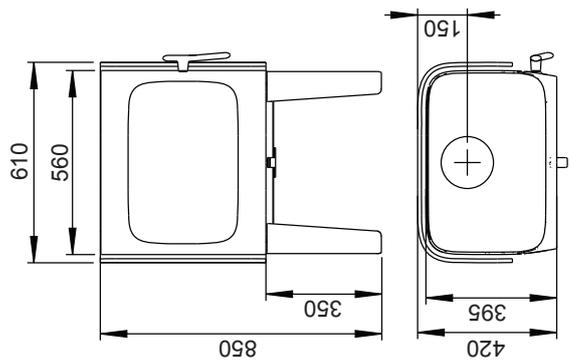
900195-P00

Jøtul F 305 C B (base)



* Outside air connection

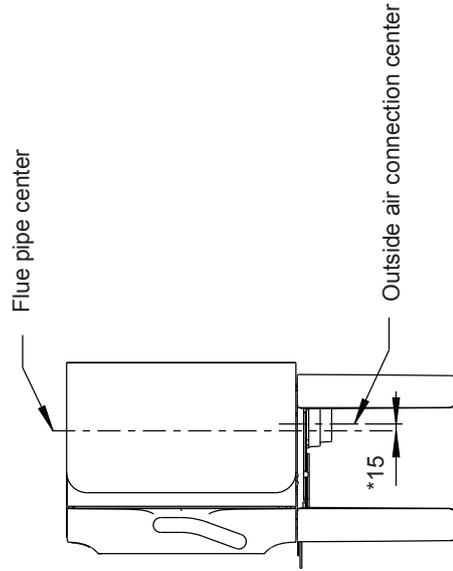
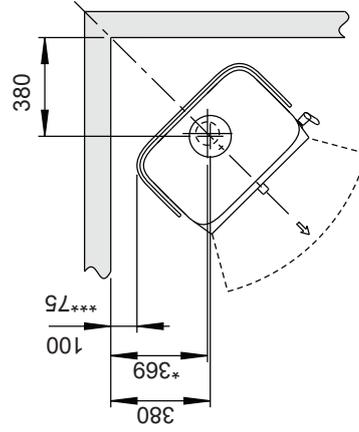
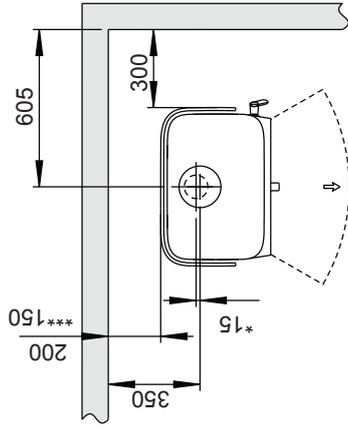
Jøtul F 305 C LL (long legs)



Jøtul F 305 C

Fig. 1c C

Min. distance to combustible wall



* Outside air connection

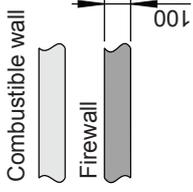
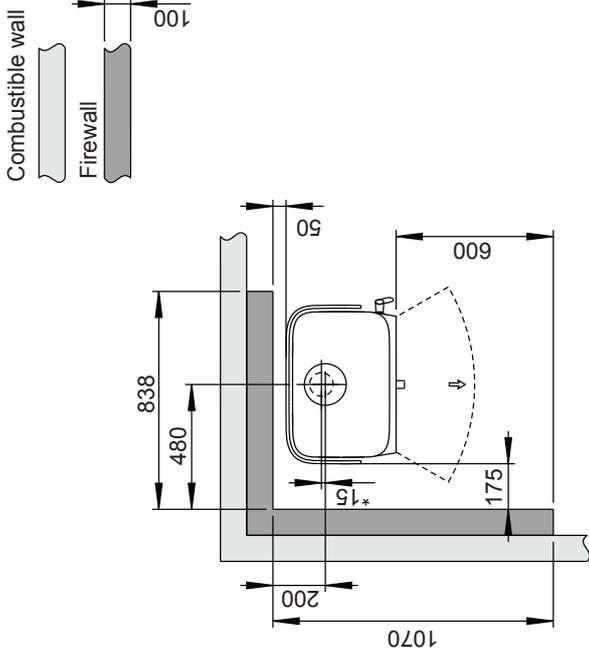
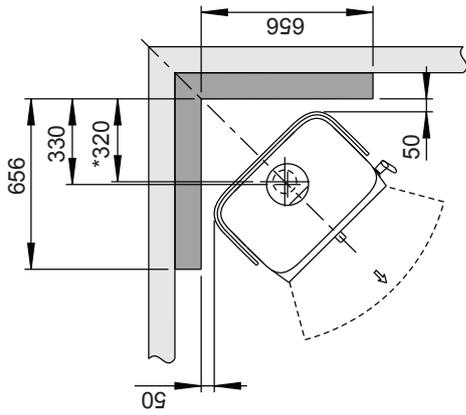
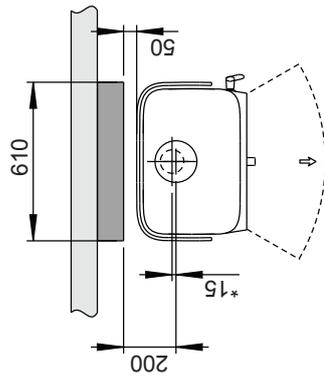
*** Distance to combustible wall with semi-insulated / shielded flue pipe.

Fig. 1d C

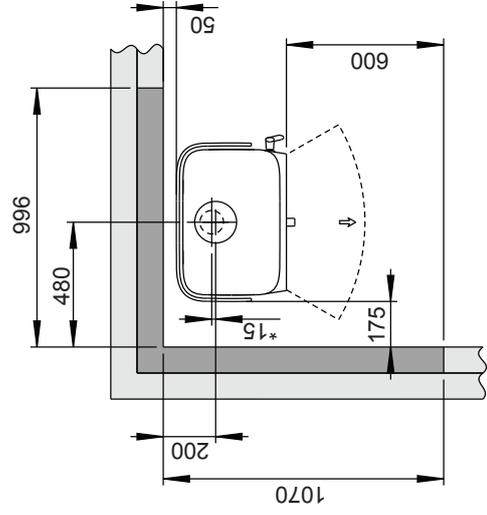
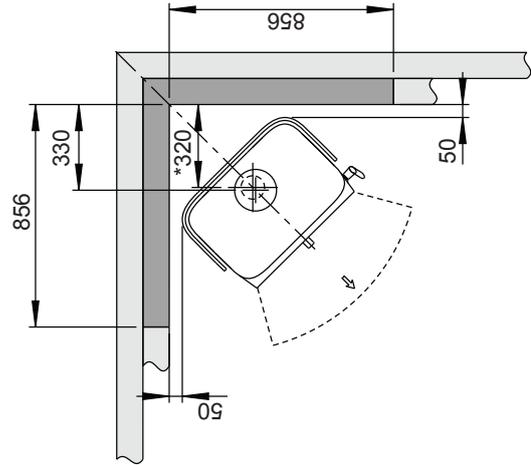
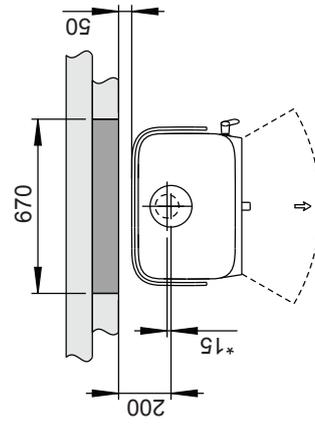
Jøtul F 305 C

Min. distance to combustible wall protected by firewall

External



Integrated



* Outside air connection

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Fresh air supply

The air used for combustion in any well-insulated house needs to be replaced. This is particularly important in houses with mechanical ventilation. Such replacement air can be procured in several ways. The most important thing is to supply the air to the room where the stove is placed. Place the outside wall valve as close to the stove as possible and make sure that it can be closed when the stove is not in use.

For the fresh air supply connection, follow the national and local building regulations.

Important! Ensure that air vents in the room where the fireplace is located are not blocked.

Closed combustion system

Use the stove's closed combustion system if you live in recently built, airtight dwellings. Connect the external combustion air through a ventilation pipe through the wall or the floor.

Air supply

The amount of combustion air for Jøtul's products is approximately 20-40 m³/h. The outside air connection may be fitted directly to the Jøtul F 305 through:

- the bottom
- through a flexible supply hose from the outside/chimney (only if the chimney has its own duct for external air) and to the product's outside air connector.

Fig. 2A, through an outside wall

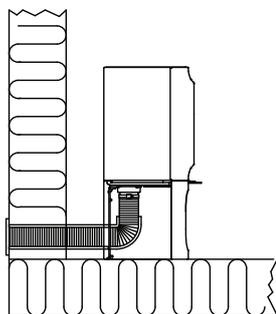


Fig. 2B, through the floor and ground plate

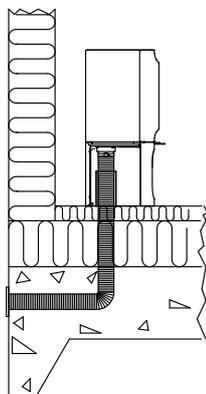


Fig. 2C, through the floor and basement

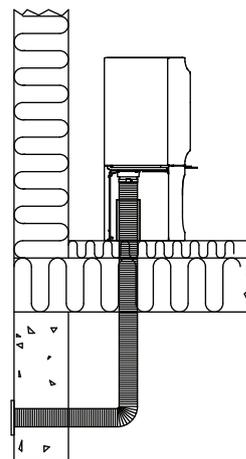
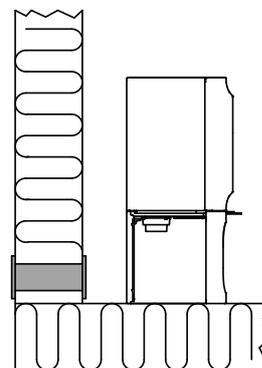


Fig. 2D, indirectly through an outside wall



4.0 Installation

NB: Check that the fireplace is undamaged before installation begins.

NB: The product is heavy! Ensure you have help when positioning and installing it. Make sure the product does not topple over.

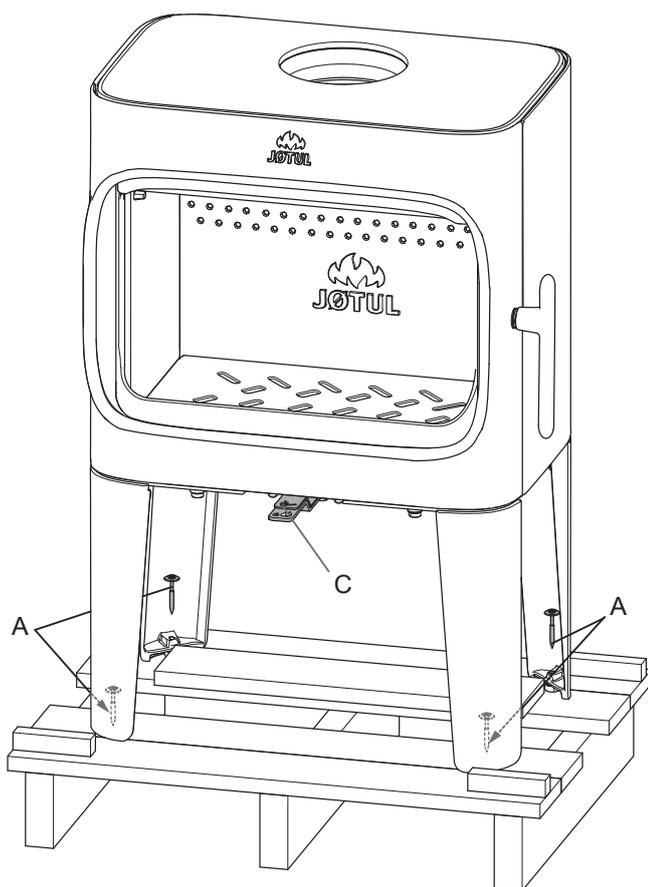
NB: Make sure that furniture and other household items are not so close as to get dried up by the stove. Painted surfaces may also be discoloured.

NB: Read the Installation and Operating instructions carefully before installing the fireplace!

4.1 Prior to installation - Jøtul F 305 with legs

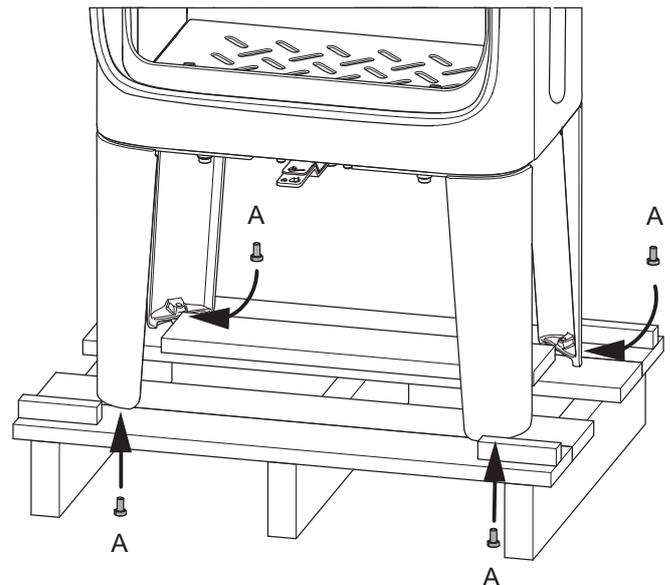
NB: There are two different legs. See the figure (fig. 6) on the bottom plate for correct placement.

Fig. 3



1. Remove the four transport screws (A) that fasten the oven to the wooden pallet.
2. Leave the stove standing on the transport pallet.
3. Remove the gloves from the ash pan.
4. Lift the baffle, ash retainer, inner bottom and bag of screws out of the burn chamber.
5. Check that the control handles (C) move freely.

Fig. 4



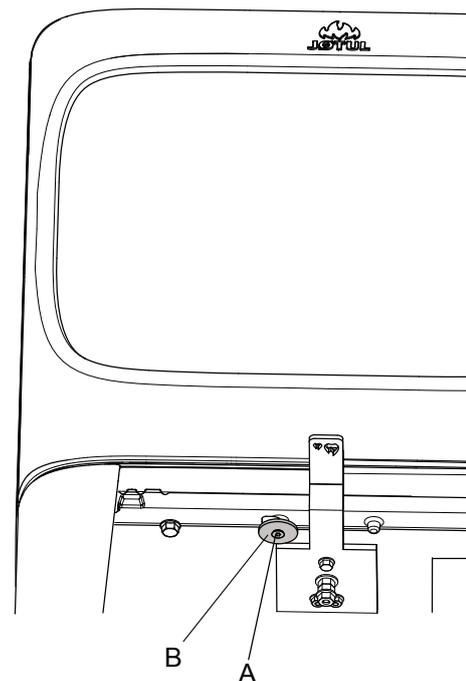
6. Install the height adjustment screws with plastic caps (A) placed in the bag of screws.
7. Lift the oven from the pallet.
8. Set up the oven and adjust to the right height using the height adjustment screws. **NB:** Take into account the height of the floor plate. **Mark on the wall if there has to be a rear outlet for flue pipe and external air supply.**

Requirement for UK

“The Jøtul F 305 BB, LL, & SL stoves have been recommended as suitable for use in smoke control areas when burning wood logs and when fitted with a mechanical stop to prevent secondary air control closure beyond the 257mm² and the tertiary air control closure beyond the 370mm² open positions.”

Note! In order to achieve this see the instructions in fig. 5.

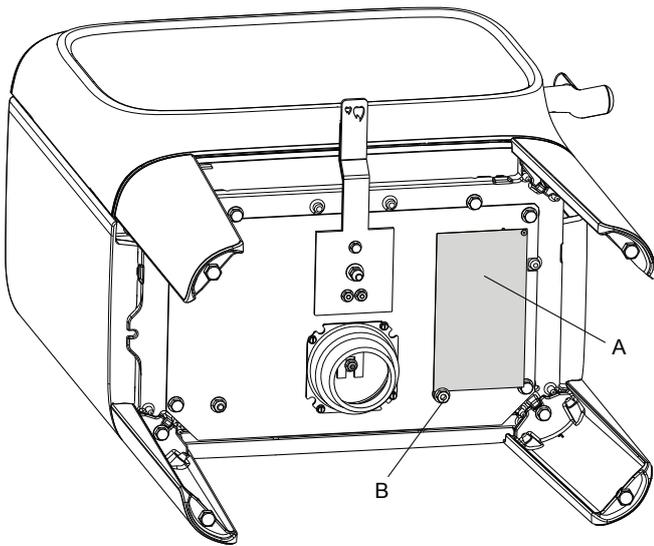
Fig. 5



9. Unscrew the screw (A). Use the washer (B) from the bag of screws and screw it onto the burnchamber with the same screw.

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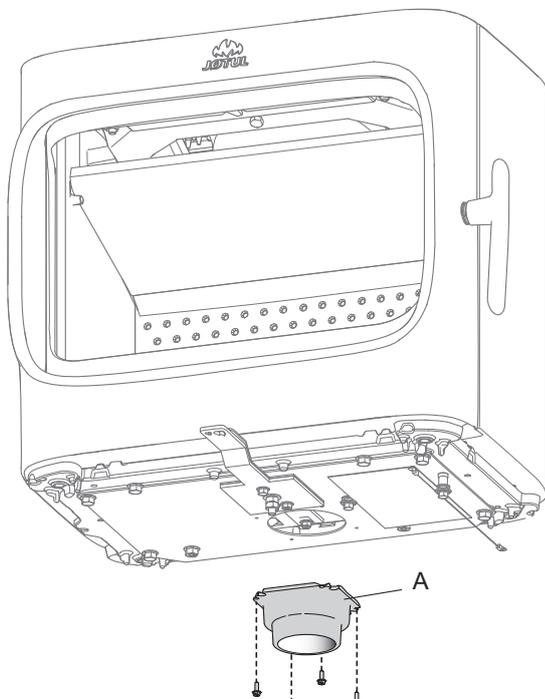
Fig. 6



1. Take the approval label (A) out of the ash pan and fasten it with the nut (B), as displayed. The nut needs to be tightened only with the fingers. **NB: Do not cut off the wire used for fastening the label.**

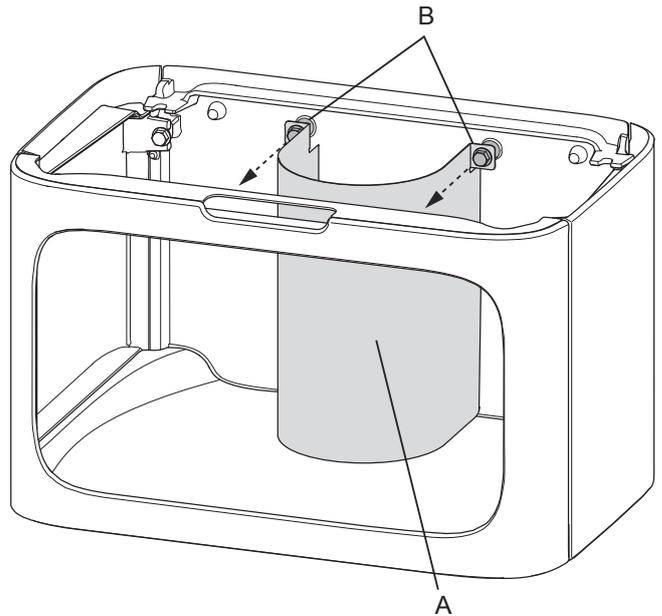
4.2 Prior to installation - Jøtul F 305 with base

Fig. 7



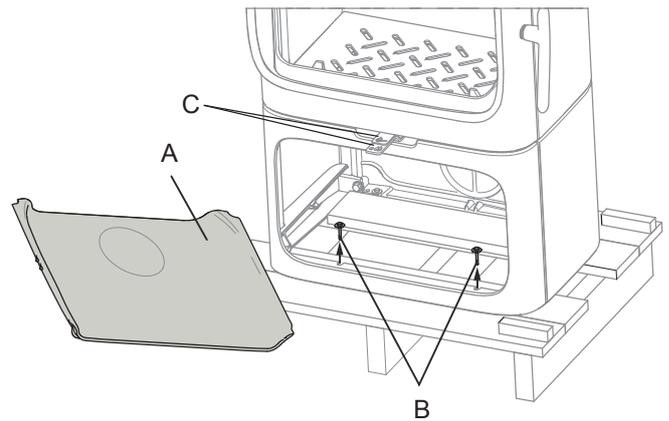
2. If external air supply is not used, the external air connector (A) can be unscrewed, if desired. Remove the four screws used for fastening the external air connector and then the connector itself. (For products with base: If necessary, you can unscrew the heat shield beneath the burn chamber in order to facilitate the dismantling of the external air connector.

Fig. 8



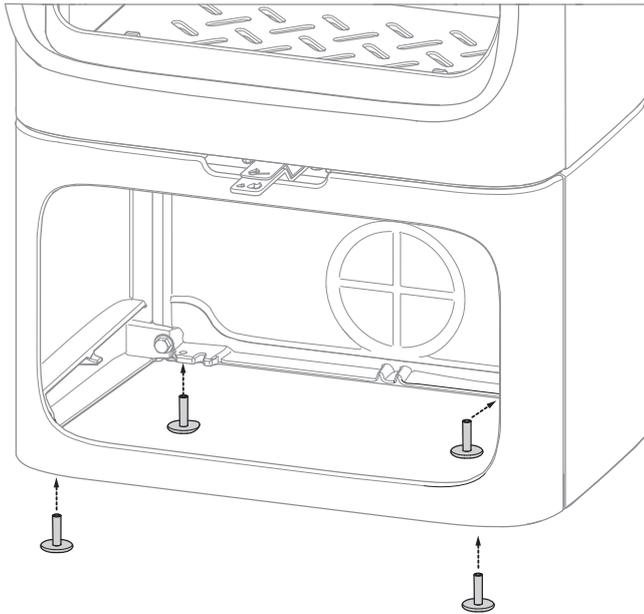
1. First remove the outside air cover (A) by unscrewing the screws (B).

Fig. 9



2. Remove the gloves from the ash pan.
3. Lift the baffle, ash retainer, and bag of screws out of the burn chamber.
4. Check that the control handles (C) move freely.
5. Remove the bottom plate (A) by taking hold of the front left corner. Lift up the plate and remove it from the base at an angle.
6. Remove the four transport screws (B) that fasten the oven to the wooden pallet.
7. Lift the oven from the pallet and set it up (see fig. 1).

Fig. 10

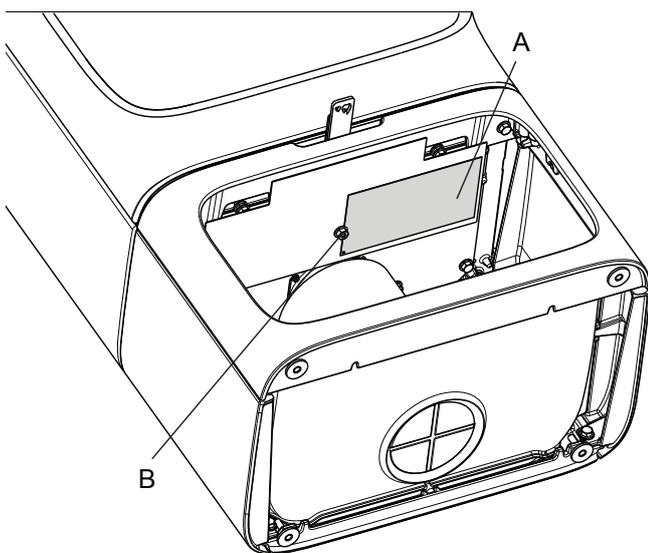


8. Adjust the base with the height adjustment screws using the hex key placed in the bag of screws. **NB! Take into account the height of the floor plate.**
9. Mark on the wall if there has to be a rear outlet for flue pipe and external air supply (see **fig. 1**). If there has to be a rear outlet for flue pipe and/or external air supply, move the oven from the wall and prepare the connections.

Approval label

Jøtul F 305 with base

Fig. 11

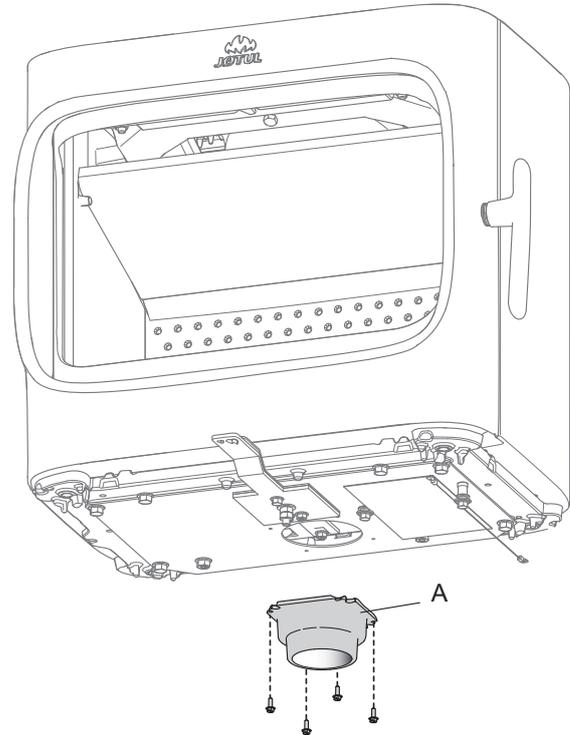


1. Take the approval label (**A**) out of the ash pan and fasten it with the nut (**B**), as displayed. The nut needs to be tightened only with the fingers. **NB: Do not cut off the wire used for fastening the label.**

4.3 Outside air connection

If external air supply is not used

Fig. 12

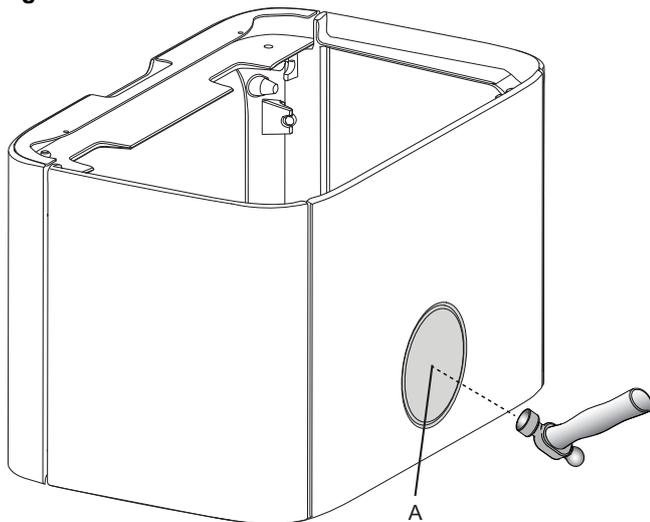


2. If external air supply is not used, the external air connector (**A**) can be unscrewed, if desired. Remove the four screws used for fastening the external air connector and then the connector itself. **(For products with base:** If necessary, you can unscrew the heat shield beneath the burn chamber in order to facilitate the dismantling of the external air connector.
3. Install the convection plate back in its place after removing the external air connector.

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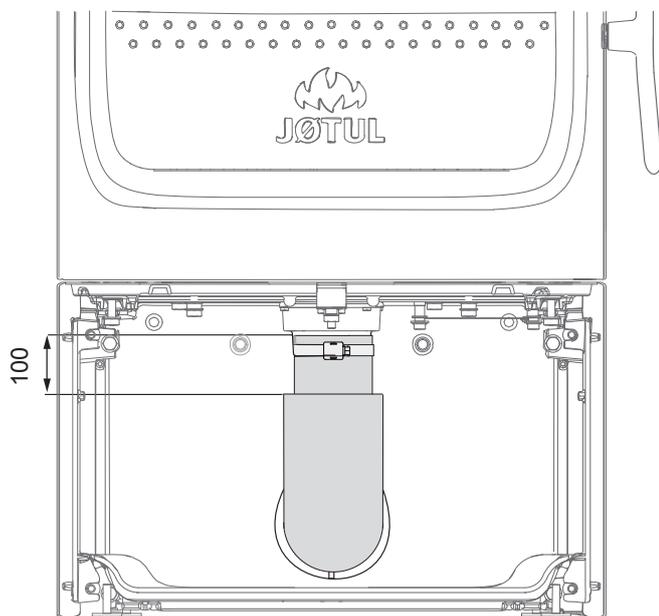
Outside air connection through bottom plate in base

Fig. 13



1. Place a cardboard plate on the back of the bottom plate before knocking out the cover (A) with a hammer in order to prevent the pieces from damaging something around them.

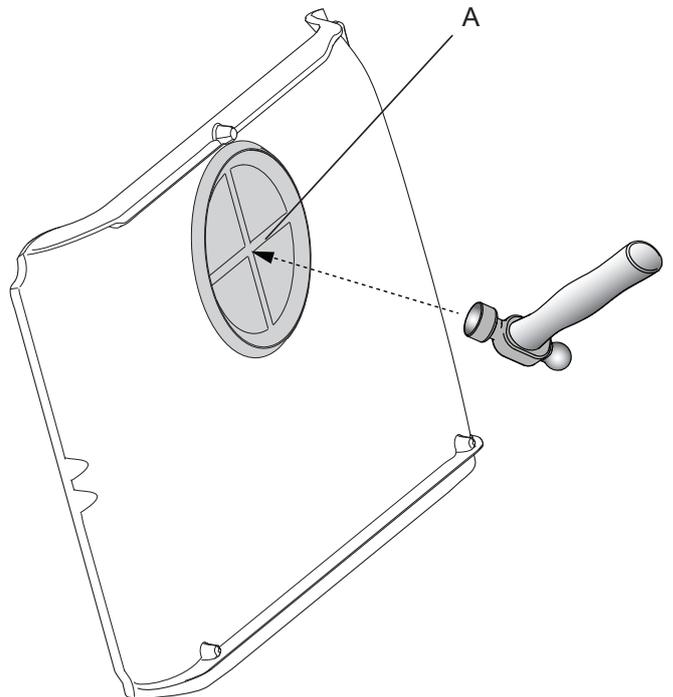
Fig. 14



2. See the installation instructions that follow with the external air set.
3. Attach the hose to the external air connector with a hose clip to avoid using joints. The external air hose insulation ends approx. **100 mm** below the burn chamber.

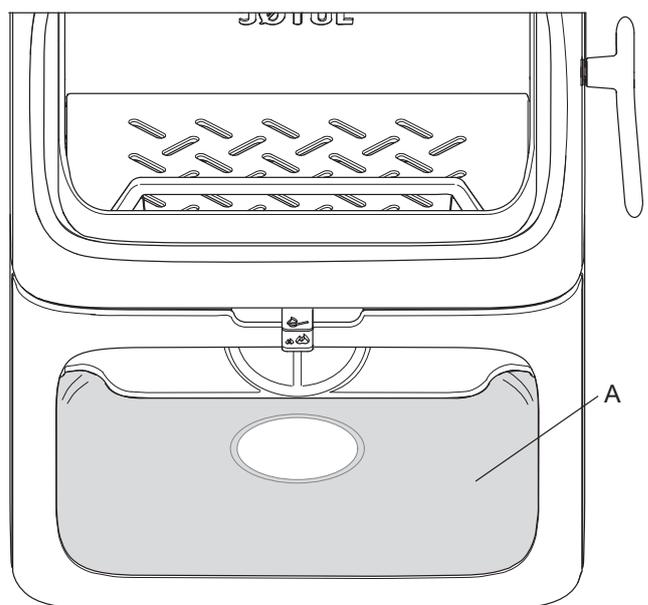
Outside air connection through bottom plate in base

Fig. 15



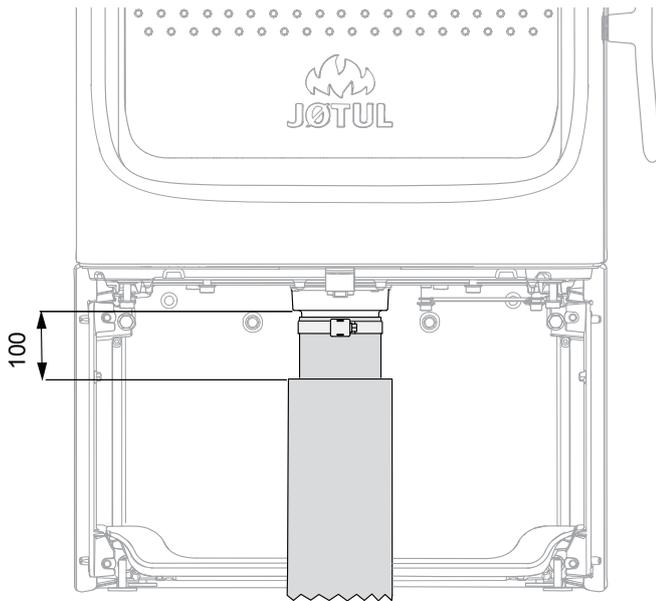
1. Place a cardboard plate on the back of the bottom plate before knocking out the cover (A) with a hammer in order to prevent the pieces from damaging something around them.

Fig. 16



2. Position the bottom plate in place again.
3. Place the oven in the position where it is supposed to be. See **fig. 1** for correct placement when it comes to safety distances.

Fig. 17



4. See the installation instructions that follow with the external air set.
5. Attach the hose to the external air connector with a hose clip to avoid using joints. The external air hose insulation ends approx. **100 mm below** the burn chamber.

4.3 Chimney and flue pipe

- The fireplace must only be connected to a chimney and flue pipe approved for solid fuel fireplaces with flue gas temperatures as specified in «**2.0 Technical Data**».
- The cross-section of the chimney must be designed to fit the fireplace. Use «**2.0 Technical Data**» to calculate the correct chimney cross-section.
- The chimney must be connected in accordance with the installation instructions of the chimney supplier.
- Before a hole is made in the chimney, the product should be test-mounted in order to correctly mark the position of the fireplace and the hole in the chimney. See **fig. 1** for minimum dimensions.
- With a rear outlet, use a flue pipe bend with a sweep hatch to allow sweeping.
- Please note that it is extremely important for connections to have a degree of flexibility. This is to prevent any movement in the installation leading to the formation of cracks.
- For recommended chimney draught, see «**2.0 Technical Data**». For flue pipe dimension see “**2.0 Technical Data**”.
NB: The chimney’s diameter must be at least just as big as the flue pipe.

NB! The minimum recommended chimney length is 3.5 m from the flue pipe insert. If the draught is too strong, a flue pipe damper can be installed and used to reduce the draught.

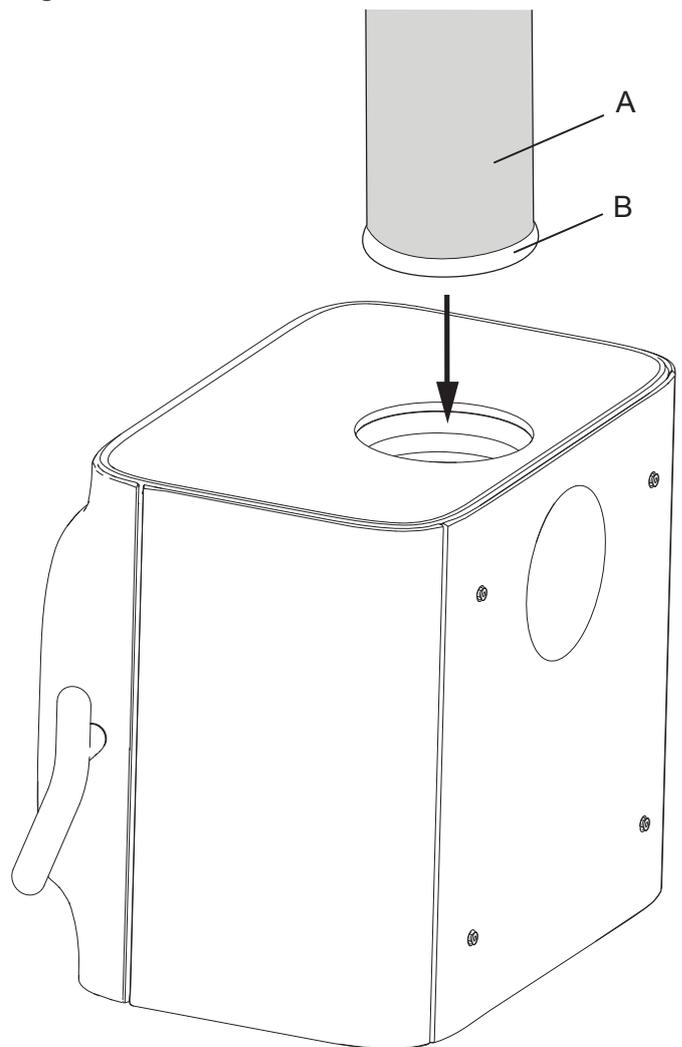
Protection grid for sweep ball

When a steel chimney is installed to the top outlet, a protection grid for sweep ball must always be installed to the top outlet (optional equipment).

4.5 Fitting a flue pipe with a top outlet

The product is supplied from the factory with the smoke outlet fitted for the top outlet.

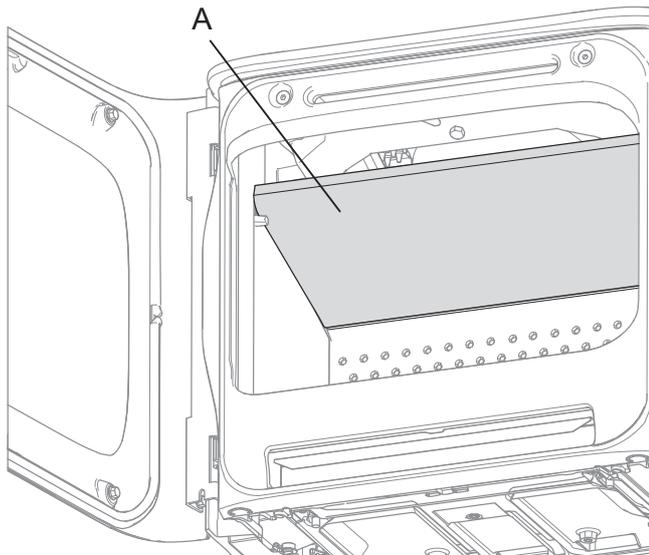
Fig. 18



1. Thread the flue pipe (**A**) through the top plate and place it in the top smoke outlet.
2. Seal well with a gasket (**B**).

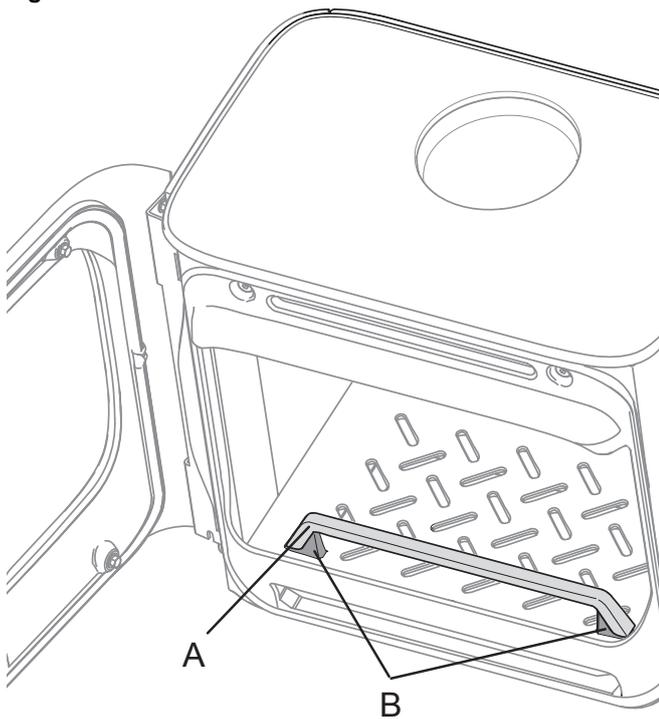
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Fig. 19



3. Place the baffle (A) as displayed in the figure.

Fig. 20

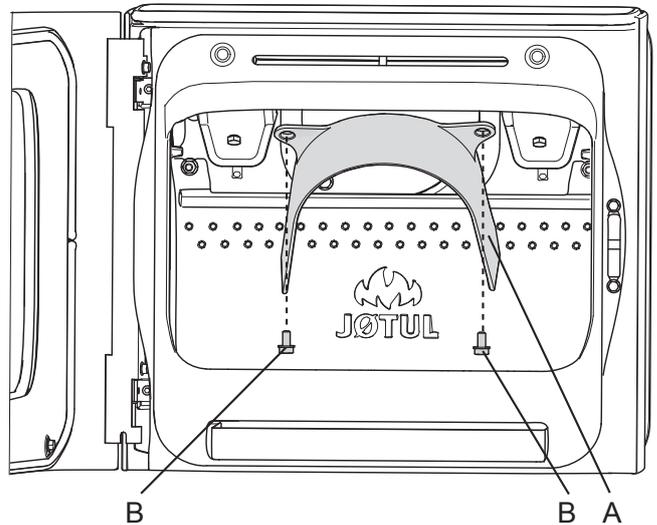


4. Fit the log retainer (A) on the knobs (B).

4.6 Fitting a flue pipe with a rear outlet

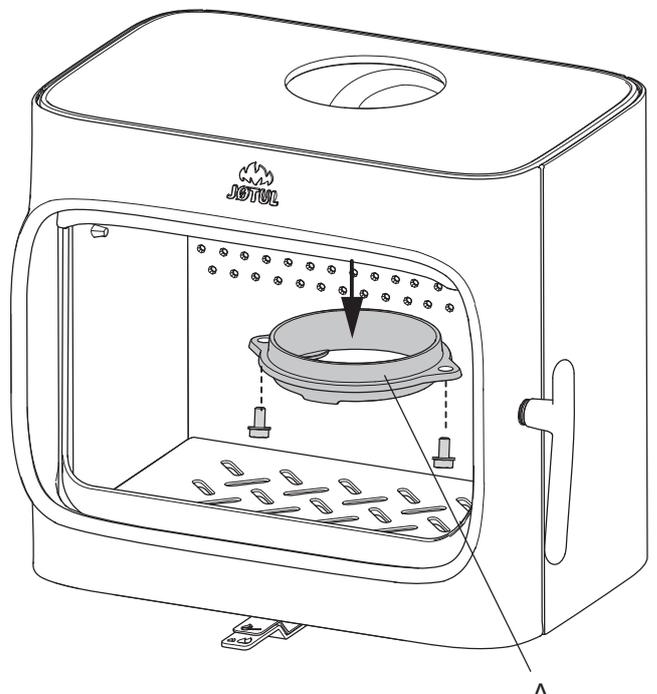
The product is supplied from the factory with the smoke outlet fitted for the top outlet. If you want a rear outlet, proceed as follows:

Fig. 21



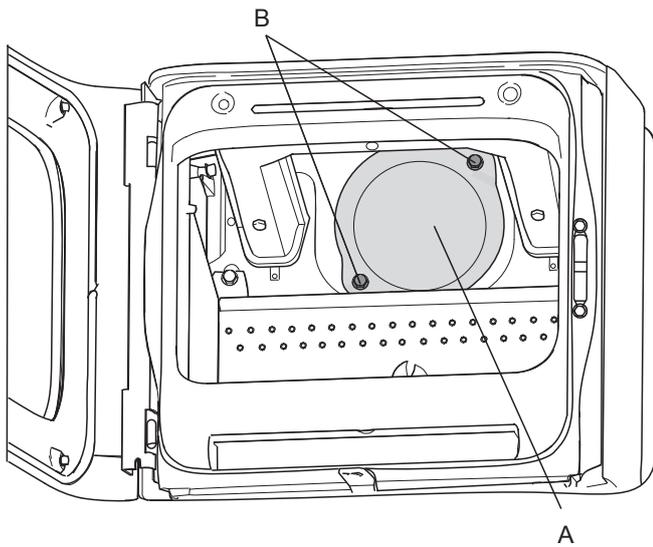
1. Place the product in the correct position. See **fig. 1**.
2. Unscrew the screws (B) and remove the exhaust deflector (A).

Fig. 22



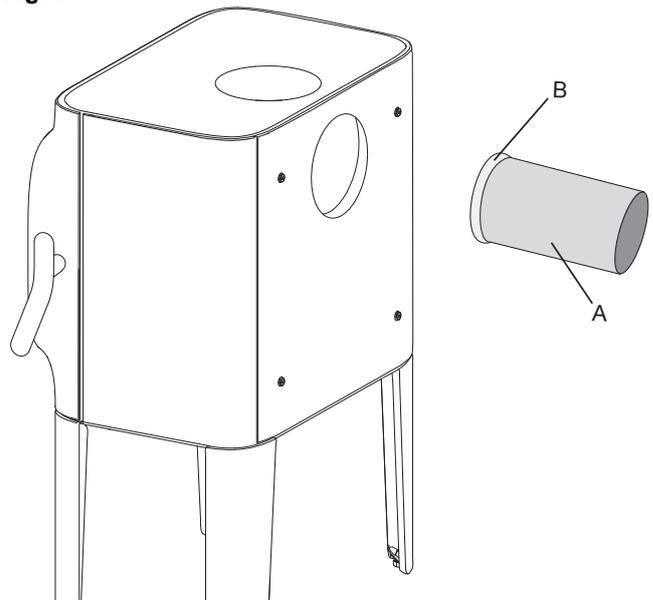
3. Unscrew the smoke outlet (A) from the top outlet.

Fig. 23



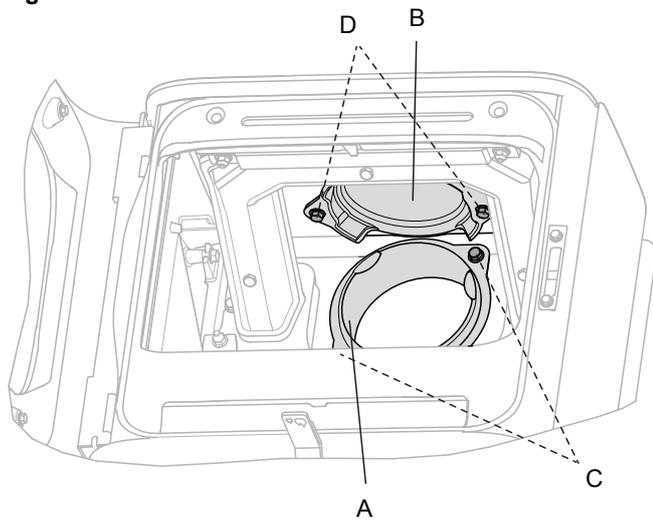
4. Unscrew the screws **(B)** and remove the cover **(A)** of the rear outlet from the inside of the burn chamber.

Fig. 25



8. Place the gasket **(B)** on the edge of the flue pipe **(A)**.

Fig. 24



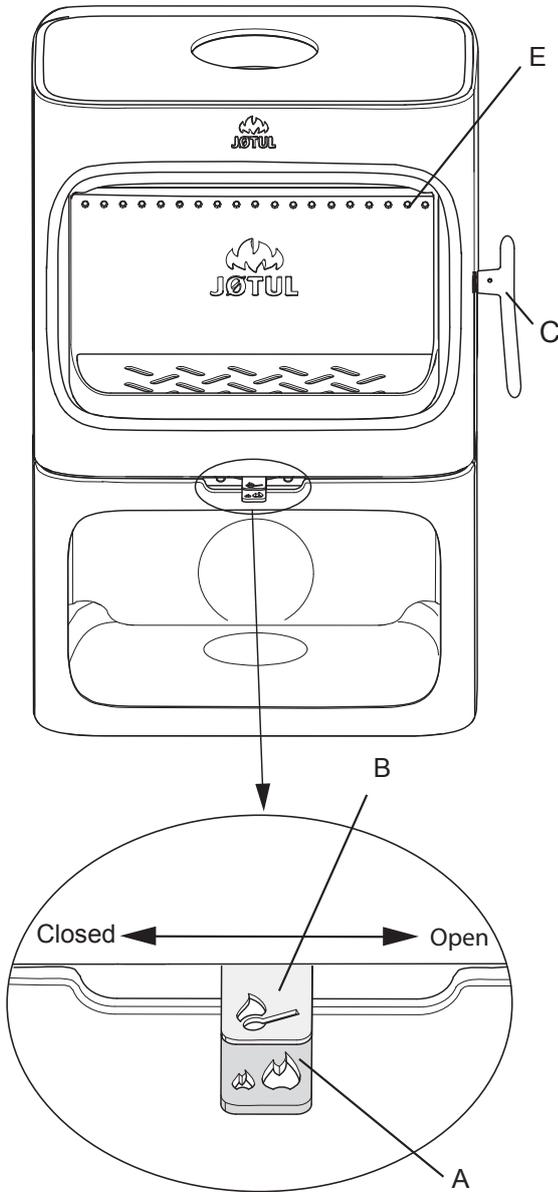
5. Fasten the smoke outlet **(A)** to the rear outlet with the two screws **(C)** from the inside of the burn chamber.
6. Fasten the cover **(B)** to the top outlet with the two screws **(D)** from the inside of the burn chamber.
7. Fasten the exhaust deflector **(fig. 21 A)**.

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4.7 Performance check

Always check the control handles once the product has been assembled. These should move easily and work in a satisfactory manner.

Fig. 26



The Jøtul F 305 is equipped with the following operating options:

Air vent (A)

Push to the left: Closed
Push to the right: Open

Ignition vent (B)

Push to the left: Closed
Push to the right: Open

Door handle (C)

Opens by pulling the handle.

Stacking height (E) for wood (the holes may not be covered).

5.0 Daily use

Odours when using the fireplace for the first time

When the fireplace is used for the first time, it may emit an irritating gas which may smell slightly. This happens because the paint dries. The gas is not toxic but the room should be thoroughly ventilated. Let the fire burn with a high draught until all traces of the gas have disappeared and no smoke or odours can be detected.

Heating advice

NB: Logs that have been stored outdoors or in a cold room should be brought indoors 24 hours before use to bring them up to room temperature.

There are various ways of heating the stove but it is always important to be careful about what you put in the stove. See the section on **“Wood quality”**.

Burning with a poor air supply can cause insufficient combustion, reduced energy efficiency, and increased emissions of particles, black carbon and other compounds that are harmful to health and the environment.

Wood quality

By quality wood we mean most well-known types of wood such as birch, spruce and pine.

The logs should be dried so that the moisture content is no more than 20%.

To achieve this, the logs should be cut during the late winter. They should be split and stacked in a way that ensures good ventilation. The wood stacks should be covered to protect the logs from rain. The logs should be brought indoors during early autumn and stacked/stored for use in the coming winter.

Be especially careful never to use the following materials as fuel in your fireplace:

- Household rubbish, plastic bags, etc.
- Painted or impregnated timber (which is extremely toxic).
- Laminated wooden planks.
- Driftwood

These may harm the product and are also pollutants.

NB: Never use petrol, paraffin, methylated spirit or similar liquids to light the fire. You may cause serious injury to yourself and damage to the product.

Kindling (finely split wood):

Length: Max. 41 cm
Diameter: 2-5 cm
Quantity required each time: 6 - 8 pieces

Wood (split wood):

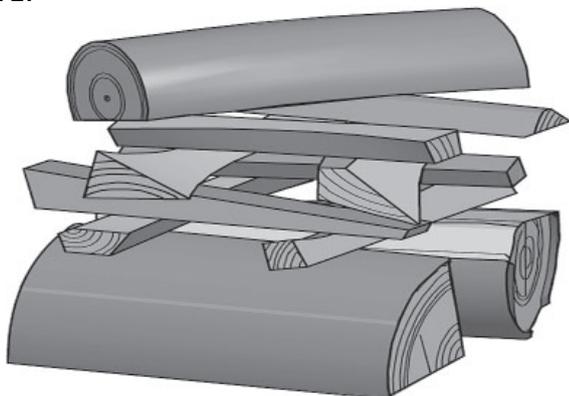
Recommended length: 30 - 40 cm
Diameter: Approx. 8 cm
Interval for adding wood: Approx. every 45 - 50 minutes
Fire size: 1,8 kg (nominal output)
Quantity required each time: 2
Max. each time: 2,4 kg

Nominal heat output is achieved when the air vent is open approx. 50% (**fig. 26 A**) and the ignition vent (**fig. 26 B**) closed.

Initial lighting

- Open the air vent and ignition vent by pulling the handles (fig. 26) all the way out. (Use a glove or something similar to protect your hand in case the handles are hot.)

Fig. 27



- Place two logs at the bottom of the burn chamber and pile the kindling in layers.
- Finally, place a medium-sized log on the top of the pile.
- Place 2 or 3 briquettes or kindling sticks under the top layer of kindling and light the fire. **NB: The maximum height of the pile of the wood should be just below the horizontal holes. The holes must not be covered.**
- Close the ignition vent (fig. 26 B) when the wood has caught fire properly and is burning well.
- You can then regulate the rate of combustion to give the heat you want by adjusting the air vent (fig. 26 A).
- Check that the afterburning (secondary combustion) starts. This is best indicated by yellow, flickering flames in front of the holes under the baffle.
- If the air flow is normal you will be able to shut the door and the fire will take care of itself.

Adding firewood

Stoke the stove frequently but only add small amounts of fuel at a time. If the stove is filled too full, the heat created may cause extreme stress in the chimney. Add fuel to the fire in moderation. Avoid smouldering fires as this produces the most pollution. The fire is best when it is burning well and the smoke from the chimney is almost invisible.

- **Refuelling on to a low fire bed:** If there is insufficient burning material in the firebed to light a new fuel charge, excessive smoke emission can occur. Refilling must be carried out onto a sufficient quantity of glowing embers and ash that new fuel charge will ignite in a reasonable period. If there are too few embers in the fire bed, add suitable kindling to prevent excessive smoke.
- **Fuel overloading:** The maximum amount of fuel specified in this manual should not be exceeded, overloading can cause excess smoke
- **Operating with door left open:** Operation with the door open can cause excess smoke. This appliance must not be operated with the appliance door left open except as directed in the instructions.
- **Dampers left open:** Operation with the air controls or appliance dampers can cause excess smoke. The appliance must not be operated with air controls, appliance dampers or door left open except as directed in the instructions.

5.1 Danger of overheating

The fireplace must never be used in a manner that causes overheating

Overheating occurs when there is too much fuel and/or too much air so that too much heat develops. A sure sign of overheating is when parts of the fireplace glow red. If this happens, reduce the air vent opening immediately.

Seek professional advice if you suspect that the chimney is not drawing properly (too much/too little draught). For further information, see «4.0 Installation» (4.3 Chimney and flue pipe).

5.2 Ash removal

- The Jøtul F 305 has an ash pan that makes it easy to remove the ash.
- Only remove ash when the fireplace is cold.
- Scrape the ash through the grate in the inner bottom and down into the ash pan. Use a glove or something similar to protect your hand. Take hold of the handle of the ash pan and lift out the ash. Make sure that the ash pan never gets so full that it prevents the ash from falling through the grate and down into the pan.
- Make sure that the ash pan is pushed all the way in before closing the door.

6.0 Maintenance

6.1 Cleaning the glass

The product is equipped with an air wash for the glass. Air is sucked in through the air vent on the top of the product and down along the inside of the glass.

However, some soot will always stick to the glass, but the quantity will depend on the local draught conditions and adjustment of the air vent. Most of the soot layer will normally be burned off when the air vent is opened all the way and a fire is burning briskly in the fireplace.

Good advice! For normal cleaning, moisten a paper towel with warm water and add some ash from the burn chamber. Rub it over the glass and then clean the glass with clean water. Dry well. If it is necessary to clean the glass more thoroughly we recommend using a glass cleaner (*follow the instructions on the bottle*).

6.2 Cleaning and soot removal

Soot deposits may build up on the internal surfaces of the fireplace during use. Soot is a good insulator and will therefore reduce the fireplace's heat output. If soot deposits accumulate when using the product, they can easily be removed by using a soot remover.

In order to prevent a water and tar layer from forming in the fireplace, you should regularly allow the fire to burn hot in order to remove the layer. An annual internal cleaning is necessary to get the best heating effect from your product. It is a good idea to do this when cleaning the chimney and flue pipes.

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6.3 Sweeping flue pipes to the chimney

Flue pipes must be swept through the flue pipe sweeping hatch or through the door opening. The baffle and exhaust deflector must be removed first.

6.4 Inspection of the fireplace

Jøtul recommends that you carefully inspect your fireplace yourself after it has been swept/cleaned. Check all visible surfaces for cracks. Also check that all joints are sealed and that the gaskets are in the correct position. Any gaskets showing signs of wear or deformation must be replaced.

Thoroughly clean the gasket grooves, apply ceramic glue (available from your local Jøtul dealer) and press the gasket well into place. The joint will dry quickly.

6.5 Exterior maintenance

Painted products may change colour after several years' usage. The surface should be cleaned and brushed free of any loose particles before new paint is applied.

Enamelled products must only be cleaned with a clean, dry cloth. Do not use water and soap. Any stains can be removed with a cleaning fluid (oven cleaner etc.).

Important! Never place anything on the top plate of the stove. This could cause permanent damage to the paint or enamel.

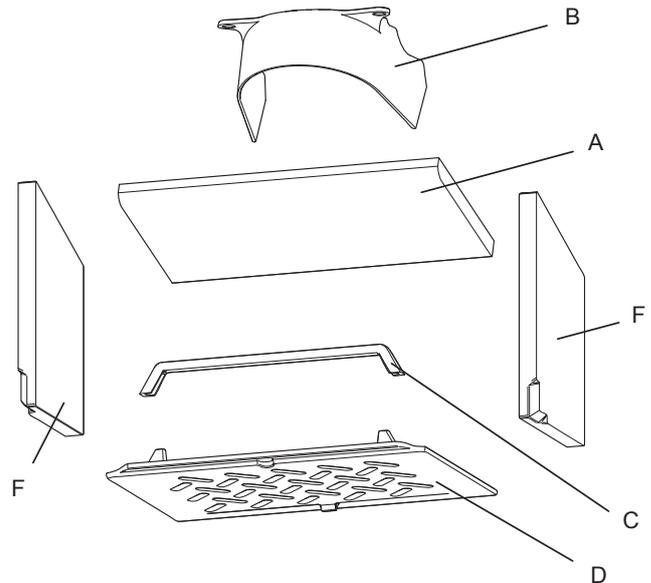
7.0 Servicing

Warning! Any unauthorised changes to the product are illegal! Only original spare parts may be used!

7.1 Service/replacing parts in the burn chamber

NB: Use tools with great care! The vermiculite plates may be damaged if treated roughly.

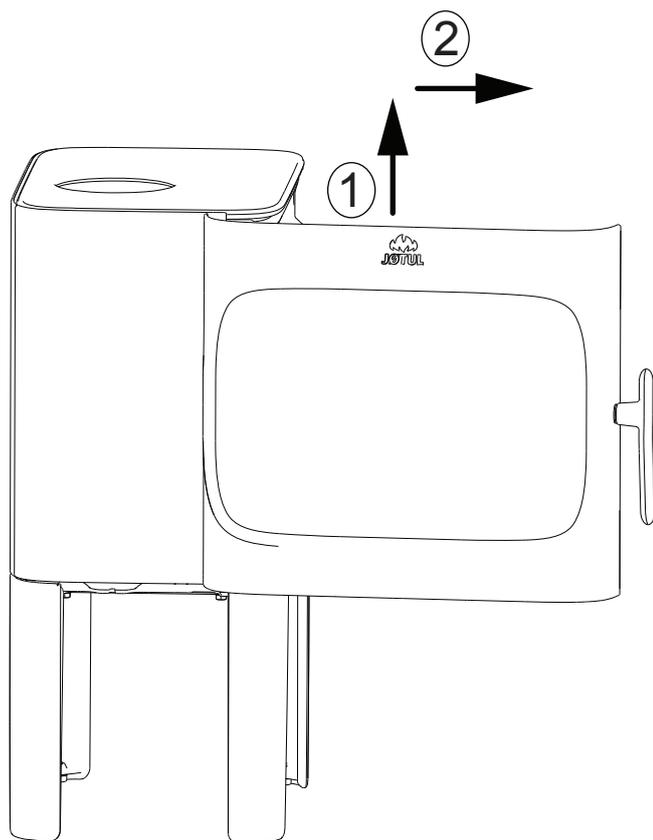
Fig. 28



1. **Baffle:** Lift the rear edge of the baffle (A) forward and down and twist it out of the burn chamber.
2. **The exhaust plate (B)** can be dismantled by unscrewing the 2 screws that holds the exhaust plate in place.
3. **Log retainer (C):** Lift the log retainer straight up and out of the burn chamber.
4. **Ash grate (D)** – First remove the log retainer (C). Pull the ash pan out and push the ash grate (D) up from below so that you can take hold of it from the top side and lift it out of the burn chamber.
5. **Side burn plates (F):** First remove the log retainer (C) and the ash pan. Then lift the side plates out.

7.2 Dismounting the door

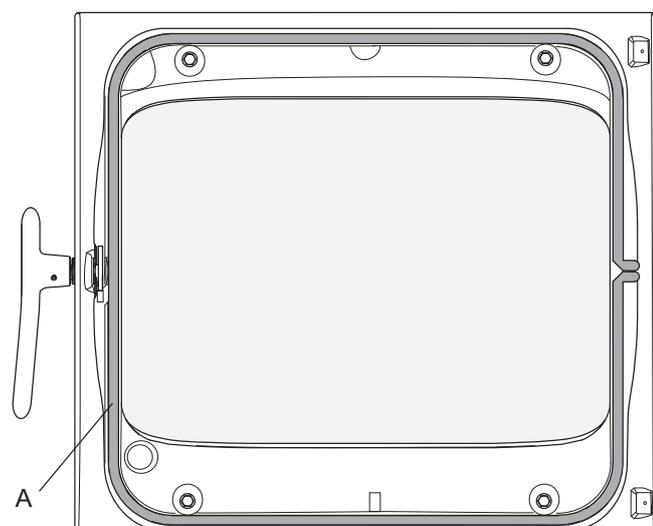
Fig. 29



1. Open the door. Lift it up and then off the hinges.

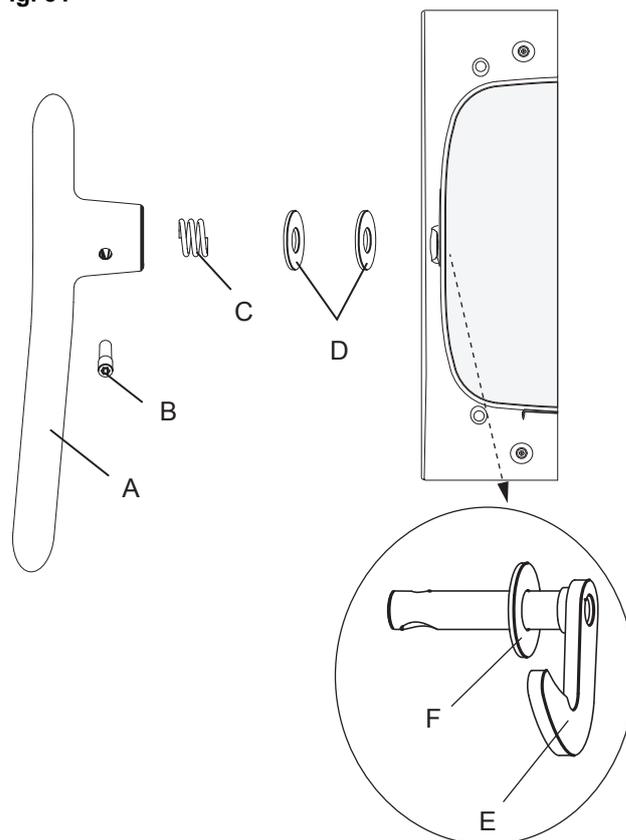
7.3 Replacing glass and gaskets in the door

Fig. 30



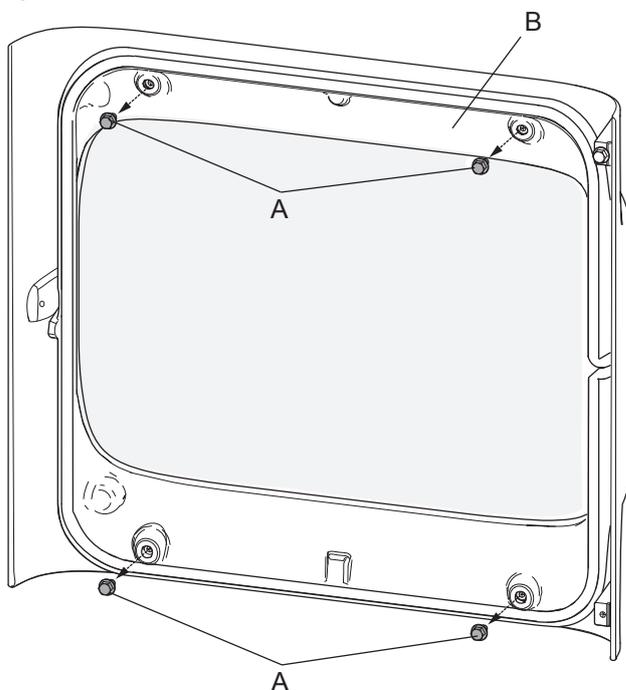
1. Remove the gasket (A) placed on the inside of the door, clean the gasket groove and glue on a new gasket.

Fig. 31



2. Unscrew the screw (B) and loosen the handle (A).
3. Take out the spring (C) and the two washers (D).
4. Take out the door hook (E) and the washer (F).

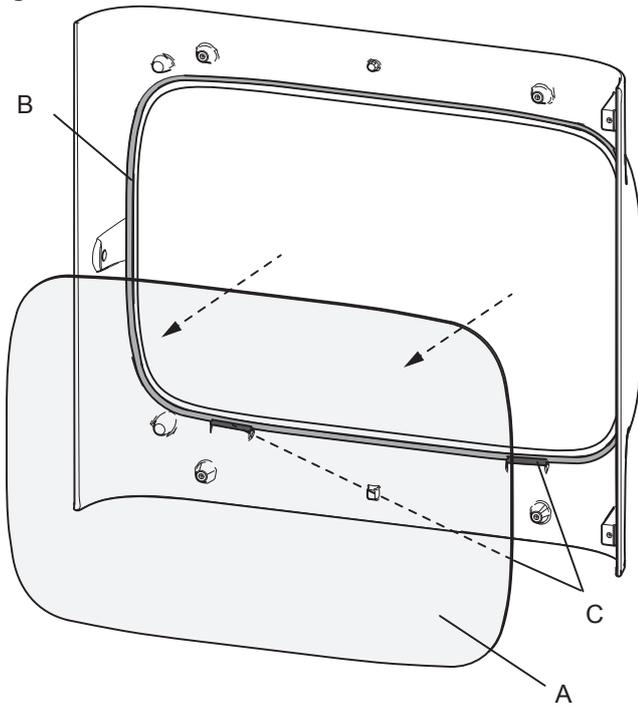
Fig. 32



5. If a glass gasket or glass need replacement, first remove the door handle (see it. 2-4).
6. Unscrew the glass holder (B) that is attached with 4 screws (A). **NB: The glass in the door is loose. Be careful not to knock the glass when the glass holder is loosened.**

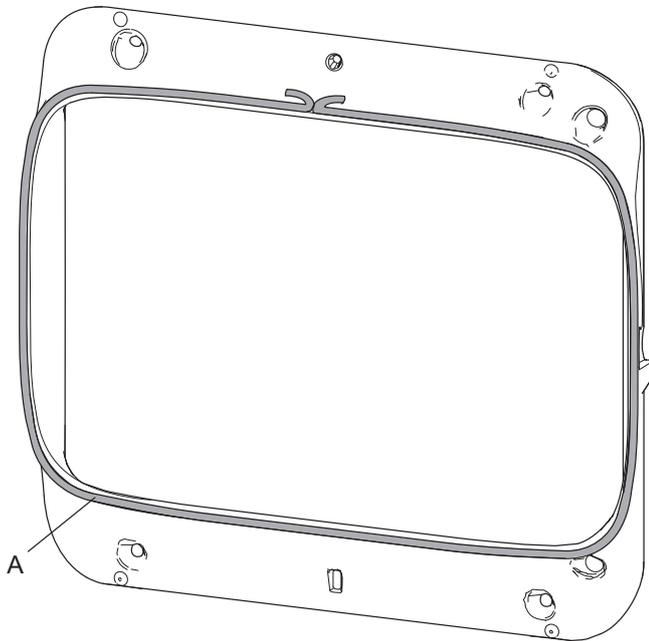
ENGLISH

Fig. 33



7. Remove the glass (A) carefully. Remove the gaskets (B) and (C), and clean the gasket grooves.
8. Glue on new gaskets.

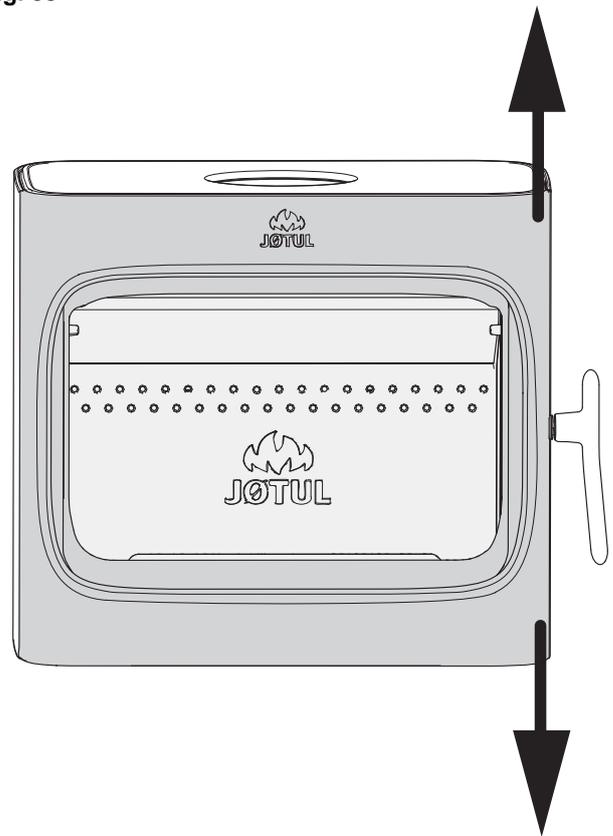
Fig. 34



9. Remove the old gasket (A) and clean the grooves. Glue on a new gasket.
10. Install back all parts once all damaged gaskets have been replaced.

Adjusting the door

Fig. 35



1. The door can be adjusted upwards or downwards slightly on the door lock side by forcing it into correct position. NB! The door cannot be fully closed when adjusting it!

8.0 Optional extras

8.1 Kit for outside air connection

Outside air connection, Ø80 mm - Cat. no. 51047509
 Outside air connection, Ø 100 mm - Cat. no. 51012164

8.2 Soapstone top

Cat. no. 51048022, BP
 Cat. no. 51049314, WHE

8.3 Ash lip for product with legs

Cat. no. 51047339, BP
 Cat. no. 51047341, WHE

8.4 Protection grid for sweep ball

Cat. no. 151608 (Ø 150 mm)

8.5 Short legs

Cat. no. 51047318, BP
 Cat. no. 51047340, WHE

9.0 Recycling

9.1 Recycling packaging

Your fireplace is delivered with the following packaging:

- A wooden pallet that can be cut up and burned in the fireplace.
- Cardboard packaging that should be taken to a local recycling facility.
- Plastic bags that should be taken to a local recycling facility.

9.2 Recycling the fireplace

The fireplace is made of:

- Metal that should be taken to a local recycling facility.
- Glass that should be disposed of as hazardous waste. The glass in the fireplace must not be placed in a regular source segregation container.
- Vermiculite burn plates that can be disposed of in regular waste containers.

10.0 Guarantee terms

1. Our guarantee covers:

Jøtul AS guarantees that the external cast-iron parts are free from defects in materials or manufacturing at the time of purchase. You may extend the guarantee on the external cast-iron parts to 25 years from the date of delivery by registering the product on jotul.com, and print out the extended guarantee card within three months of purchase. We recommend that the guarantee card be kept together with the receipt. Jøtul AS also guarantees that steel plate parts are free from defects in materials or manufacturing at the time of purchase for a period of 5 years from the date of delivery.

The guarantee applies on the condition that the stove has been installed by a qualified installer in accordance with applicable laws and regulations and Jøtul's installation and operating instructions. Repaired products and replacement items are guaranteed within the original guarantee period.

2. The guarantee does not cover:

- 2.1. Damage to consumables such as burn plates, fire grates, flue baffles, gaskets and similar as these deteriorate over time due to normal wear and tear.
- 2.2. Damage caused as a result of improper maintenance, overheating, use of unsuitable fuel (e.g. of unsuitable fuel are, but not limited to driftwood, impregnated wood, plank offcuts, chipboard) or too moist / wet wood.
- 2.3. Installation of optional extras for the purpose of rectifying local draught conditions, air supply or other circumstances beyond Jøtul's control.
- 2.4. Cases involving alterations / modifications to the fireplace without Jøtul's consent or the use of non-original parts.
- 2.5. Damage caused during storage at a distributor, transport from a distributor or during installation.
- 2.6. Products sold by unauthorized sellers in areas where Jøtul operates a selective distribution system.
- 2.7. Associated cost (e.g. but not limited to, transport, manpower, travel) or indirect damages.

Pellets stoves, glass, stone, concrete, enamel and paint finish (e.g. but not limited to chipping, cracking, bubbling or discolouration and crazing) are applicable to the national legislation governing the sale of consumer goods. This guarantee is valid for purchases made within the territory of the European Economic Area. All guarantee inquiries must be addressed to your local authorized Jøtul dealer within a reasonable amount of time, which shall not be later than 14 days from the date on which the fault or defect first became apparent. See list of importers and dealers on our web site www.jotul.com.

If Jøtul is unable to meet the obligations outlined in the above guarantee terms, Jøtul will offer a replacement product with a similar heating capacity free of charge.

Jøtul reserve the right to decline of any replacement of parts or service in the event that the guarantee is not registered online. This guarantee does not affect any rights under applicable national legislation governing the sale of consumer goods. The national complaint right applies from the purchase date and only in exchange for a receipt / serial number.

Cat.no. 10063493-P01
Jøtul AS, Jan, 2023

Jøtul pursue a policy of constant product development. Products supplied may therefore differ in specification, colour and type of accessories from those illustrated and described in the brochure.

Jøtul vise sans cesse à améliorer ses produits. C'est pourquoi, il se réserve le droit de modifier les spécifications, couleurs et équipements sans avis préalable.

Quality

Jøtul AS has a quality system that conforms to NS-EN ISO 9001 for product development, manufacturing, and distribution of stoves and fireplaces. This policy gives our customers quality and safety piece of mind as a result of Jøtul's vast experience dating back to when the company first started in 1853.

Qualité

Le système de contrôle de la qualité de Jøtul AS est conforme à la norme NS-EN ISO 9001 relative à la conception, à la fabrication et à la distribution de poêles, poêles et inserts. Cette politique nous permet d'offrir à nos clients une qualité et une sécurité reposant sur la vaste expérience accumulée par Jøtul depuis sa création en 1853.



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